ORDER No.MD0007124C1

A6

Service Manual

DVD Stereo System

SA-DK2

Colour

(S) ..... Silver Type

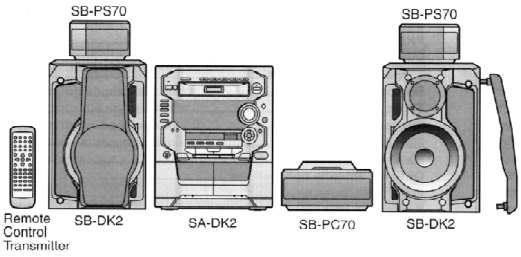
Areas

(P) ..... U.S.A.

TAPE SECTION : AR2 MECHANISM SERIES

CD SECTION : DPT-4AT-AD TRAVERSE DECK SERIES

SYSTEM : SC-DK2



SPECIFICATIONS

Specifications

● AMPLIFIER SECTION

Front speaker power output	
RMS power output	
THD 1.0%, both channels driven	
55Hz - 120Hz	**75W per channel (6 Ω)**
120Hz - 4kHz	**25W per channel (6 Ω)**
4kHz - 15kHz	**25W per channel (6 Ω)**
Total tri-amp power	**125W per channel**
Power output in Dolby Pro Logic	
RMS power output	
THD 1.0%, both channels driven	
Front	
(at 55Hz - 120Hz)	**75W per channel (6 Ω)**
(at 120Hz - 15kHz)	**25W per channel (6 Ω)**
Center (at 1kHz)	**40W (8 Ω)**
Surround (at 1kHz)	**30W per channel (8 Ω)**
Total power output	**300W**
/ Input sensitivity	
AUX	**250mV**
Input impedance	
AUX	**10k Ω**

● FM TUNER SECTION

Frequency range	**87.9 - 107.9MHz / (200kHz step) / 87.5 - 108.0MHz / (100kHz step)**
Sensitivity	**1.8 μ V (IHF)**
S/N 26dB	**1.5 μ V**
Antenna terminals	**75 Ω (unbalanced)**

● AM TUNER SECTION

Frequency range	**520 - 1710kHz (10kHz step)**
Sensitivity	
S/N 20dB at 1000kHz	**500 μ V/m**

● CASSETTE DECK SECTION

Track system	**4 track, 2 channel**
Heads	
Record/playback	**Soild permalloy head**
Erasure	**Double gap ferrite head**
Motor	**DC servo motor**
Recording system	**AC bias 100kHz**
Erasing system	**AC erase 100kHz**
Tape speed	**4.8cm/s (1 7/8ips)**
Over frequency response (+3, -6dB at DECK OUT)	
NORMAL (TYPE I)	**35Hz - 14kHz**
HIGH (TYPE II)	**35Hz - 14kHz**
S/N ratio	**50dB (A_WTD)**
Wow and flutter	**0.18% (WRMS)**

Fast forward and rewind time	Approx. 120 seconds with C-60 cassette tape

● DISC SECTION

Disc	
DVD-Video	
8cm/12cm single-sided, single-layer / 8cm/12cm single-sided, double-layer / 8cm/12cm double-sided, double-layer / (One layer per side)	
Video CD/CD	8cm/12cm
Video	
Signel system	NTSC
Output level	Composite video 1Vp-p (75 Ω)
S-VIDEO Y	1Vp-p (75 Ω)
S-VIDEO C	0.286Vp-p (75 Ω/NTSC)
Audio	
Sampling frequency	
CD	44.1kHz
DVD	48kHz/96kHz
Decoding	16/20/24bit linear
Wow and flutter	Below measurable limit
Digital filter	8fs
D/A converter	Delta-sigma DAC
Pick up	
Beam Source	Semiconductor Laser
Wavelength	665nm

● GENERAL

Power supply	AC120V, 60Hz
Power consumption	240W
Dimensions (WxHxD)	270x330x339mm / (105 /8 ” x13”x1311 /32 ”)
Mass	Approx. 9.3kg (20.5lb.)
Power consumption in standby mode	
Normal	14.5W
ECO	0.25W

Notes:

1. Specifications are subject to change without notice. / Mass and dimensions are approximate.

2. Total harmonic distortion is measured by the digital spectrum analyzer.

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*2 Manufactured under license from Dolby Laboratories Licensing Corporation. DOLBY, the double-D symbol and "PRO LOGIC" are trademarks of Dolby Laboratories Licensing Corporation.

● SYSTEM

SC-DK2 : / Main unit : SA-DK2 /
Front speakers : SB-DK2 /
Surround speakers : SB-PS70 /
Center Speakers : SB-PC70

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⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

Panasonic®

1. Safety Precaution

(This "Safety Precaution" is applied only in U.S.A.)

1. Before servicing, unplug the power cord to prevent an electric shock.
2. When replacing parts, use only manufacturer's recommended components for safety.
3. Check the condition of the power cord. Replace if wear or damage is evident.
4. After servicing, be sure to restore the lead dress, insulation barriers, insulation papers, shields, etc.
5. Before returning the serviced equipment to the customer, be sure to make the following insulation resistance test to prevent the customer from being exposed to a shock hazard.

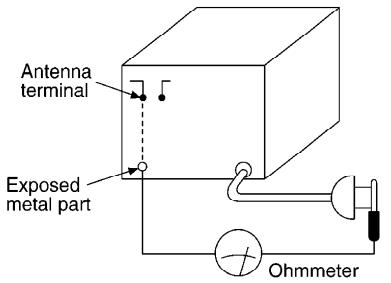
1.1. Insulation Resistance Test

1. Unplug the power cord and short the two prongs of the plug with a jumper wire.
2. Turn on the power switch.
3. Measure the resistance value with ohmmeter between the jumper AC plug and each exposed metal cabinet part, such as

screwheads, antenna, control shafts, handle brackets, etc. / Equipment with antenna terminals should read between 2.7M Ω and3.9M Ω to all exposed parts*. (Fig.1) / Equipment without antenna terminals should read approximately infinity to all exposed parts. (Fig.2) / *Note: Some exposed parts may be isolated from the chassis by design. These will read infinity.

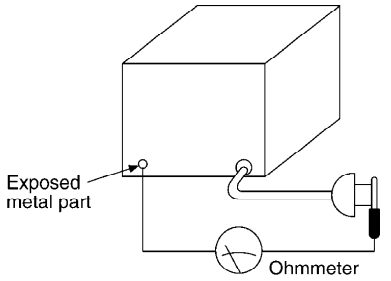
4. **If the measurement is outside the specified limits, there is a possibility of a shock hazard. The equipment should be repaired and rechecked before it is returned to the customer.**

Fig.1



Resistance = 2.7MΩ - 3.9MΩ

Fig.2



Resistance = Approx ∞

2. Before Repair and adjustment

Disconnect AC power, discharge Power Supply Capacitors C566-569 and C591 through a 10 Ω , 5W resistor to ground. / DO NOT SHORT-CIRCUIT DIRECTLY (with a screwdriver blade, for instance), as this may destroy solid state devices. / Afterrepairs are completed, restore power gradually using a variac, to avoid overcurrent. / Current consumption at AC120V, 60Hz in NO SIGNAL mode should be less than 750mA.

3. Protection Circuitry

The protection circuitry may have operated if either of the following conditions are noticed:

- No sound is heard when the power is turned on.

- Sound stops during a performance.

The function of this circuitry is to prevent circuitry damage if, for example, the positive and negative speaker connection wires are “shorted”, or if speaker systems with an impedance less than the indicated rated impedance ofthe amplifier are used. / If this occurs, follow the

procedure outlines below:

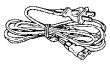
1. **Turn off the power.**
2. **Determine the cause of the problem and correct it.**
3. **Turn on the power once again after one minute.**

Note:

When the protection circuitry functions, the unit will not operate unless the power is first turned off and then on again.

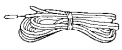
4. Accessories

AC power supply cord ..... 1 pc.
(RJA0065-A)

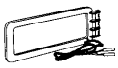


Video cable .... 1 pc.
(RJL1P016B15A)

FM indoor antenna ..... 1 pc.
(RSA0006-J)



AM loop antenna ..... 1 pc.
(RSA0029)



Remote control transmitter ..... 1 pc.
(RAK-SA962WK)

Remote control batteries ..... 1 pc.

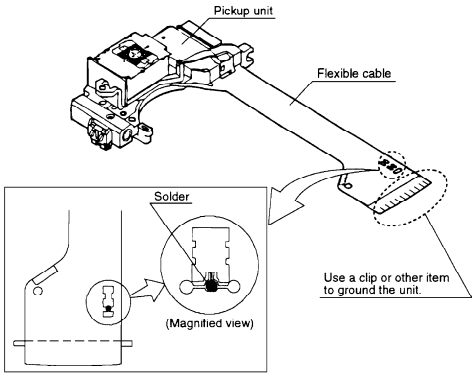
5. Handling Precautions for Traverse Deck

The laser diodes in the traverse deck (optical pickup) may break down due to potential difference caused by static electricity of clothes or human body. / So, be careful of electrostatic breakdown during repair of the traverse deck (optical pickup).

5.1. Handling the traverse deck / (optical pickup)

1. **The traverse deck (optical pickup) is an extremely high-precision construction and must not be subjected to impact, excessive vibration, or other types of rough handling.**
2. **In order to prevent static electricity damage to the laser diode, use a short pin or similar tool to short the optical pickup's flexible circuit boards after they have been disconnected from the main circuit board.**
3. **Handle the flexible circuit boards with care; excessive force could cause them to be broken.**
4. **Do not turn the pre-set variable resistor (for adjustment of the laser power); it has been adjusted at the factory. / (as shown in Fig.1)**

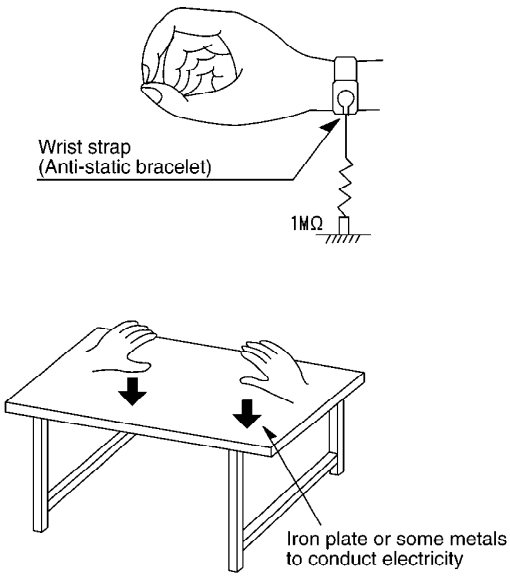
Fig.1



5.2. Grounding for electrostatic breakdown prevention

1. **Human body grounding / Use the anti-atatic wrist strap to discharge the static electricity from your body.**
2. **Work table grounding / Put a conductive material (sheet) or steel sheet on the area where the optical pickup is placed, and ground the sheet. (sa shown in Fig.2)**

Fig.2



Caution:

The static electricity of your clothes will not be grounded through the wrist strap. / So, take care not to let your clothes touch the traverse deck (optical pickup)

5.3. Caution when Replacing the Traverse Deck

The traverse deck has a short point shorted with solder protect the laser diode against electrostatic breakbown. Be sure to remove the solder from the short point before making connections.

CAUTION:

THIS PRODUCT UNTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

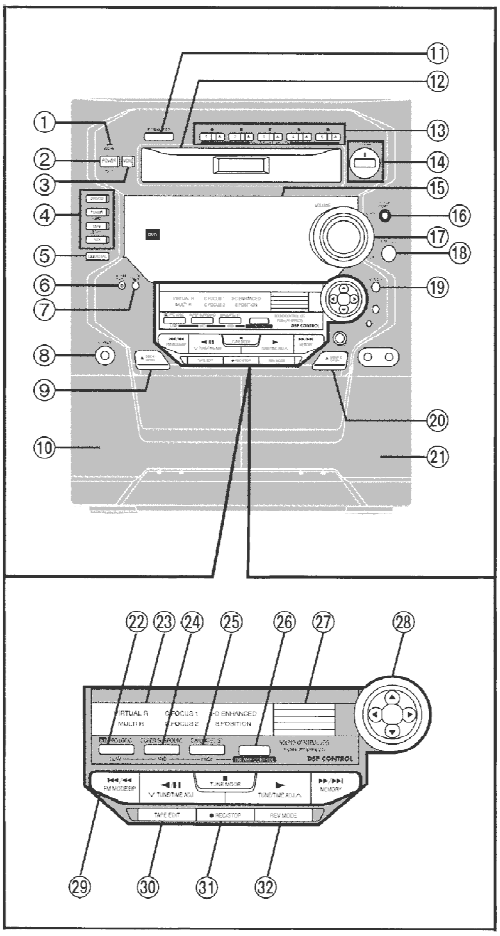
6. Precaution of Laser Diode

CAUTION:

This product utilizes a laser diode with the unit turned “ON”, invisible laser radiation is emitted from the pick up lens.

1. **Do not disassembly the pick up unit, since radiation from exposed laser diode is dangerous.**
2. **Do not adjust the variable resistor on the pick up unit. It was already adjusted.**
3. **Do not lock at the focus lens using optical instruments.**
4. **Recommend not to lock at pick up lens for a long time.**

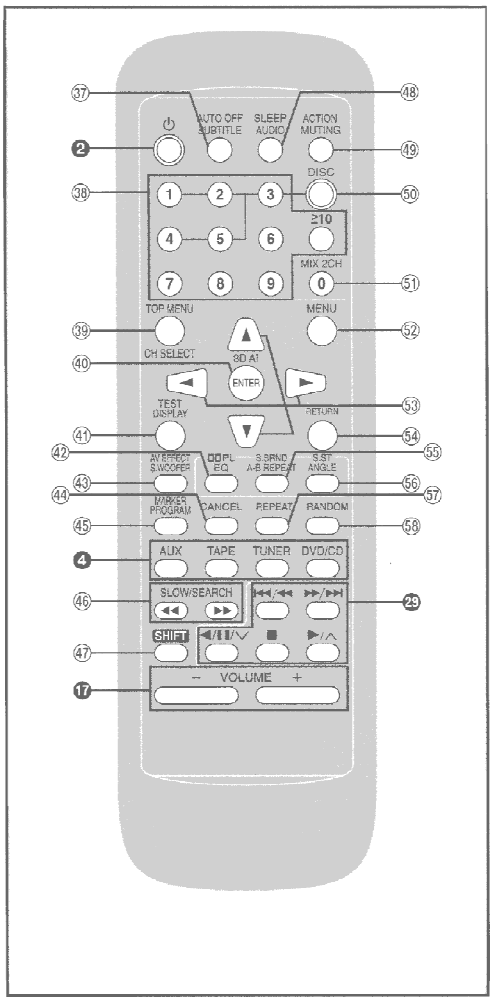
7. Location of Controls



Main unit

① **AC supply indicator (AC IN)**
This indicator lights when the unit is connected to the AC mains supply.
② **Standby/on switch (⏻/I, POWER)**
Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.
③ **ECO mode button (MODE)**
④ **Source select buttons (DVD/CD, TUNER, BAND, TAPE, DECK 1/2, AUX)**
⑤ **DOLBY DIGITAL indicator (DIGITAL)**
⑥ **Timer button (PLAY/REC)**
⑦ **Clock/timer button (CLOCK/TIMER)**
⑧ **Headphones jack (PHONES)**
⑨ **Deck 1 open button (▲ DECK 1 OPEN)**
⑩ **Deck 1 cassette holder**
⑪ **CD manager button (CD MANAGER)**
⑫ **Disc tray**
⑬ **Disc select, tray open/close buttons and disc indicators (1, ▲ – 5, ▲)**
⑭ **CINEMA mode button and indicator (CINEMA)**
⑮ **Display**
⑯ **Display select/demonstration button (-DISPLAY/–DEMO)**
⑰ **Volume control (VOLUME)**
⑱ **Super woofer button (S.WOOFER)**
⑲ **3D AI EQ button (3D AI EQ)**
⑳ **Deck 2 open button (▲ DECK 2 OPEN)**
㉑ **Deck 2 cassette holder**
㉒ **DOLBY PRO LOGIC/lower range control button (PRO LOGIC, LOW)**
㉓ **AV effect indicators**
㉔ **Super surround/middle range control button (SUPER SURROUND, MID)**
㉕ **Simulated stereo/higher range control button (SIMULATED ST, HIGH)**
㉖ **Tri-amp control button (TRI-AMP CONTROL)**
㉗ **Jogcontrol (SOUND CONTROL JOG, PUSH (AV EFFECT))**
㉘ **Joystick (◄, ►, ▲, ▼)**
㉙ **Basic operation buttons**
Functions change according to the source.
㉚ **Tape edit button (TAPE EDIT)**
㉛ **Recording start/stop button (●REC/STOP)**
㉜ **Reverse mode select button (REV MODE)**

8. Location of Controls for Remote Control Transmitter



Remote control

Buttons such as ❷ function in the same way as the controls on the main unit.

㊲ Subtitle button (SUBTITLE)
㊳㊶ Numbered buttons (0–9, ≥10)
㊴ Top menu button (TOP MENU)
㊵ Enter button (ENTER)
㊶ GUI select button (DISPLAY)
㊷ EQ select button (EQ)
㊸ Super woofer button (S.WOOFER)
㊹ Cancel button (CANCEL)
㊺ Program button (PROGRAM)
㊻ Disc slow/search button (SLOW/SEARCH ◀◀, ▶▶)
㊼ Shift button (SHIFT)
See below.
㊽ Audio button (AUDIO)
㊾ Muting button (MUTING)
㊿ Disc button (DISC)
(51) Menu button (MENU)
(52) Cursor buttons (◀, ▶, ▲, ▼)
(53) Return button (RETURN)
(54) A-B repeat button (A-B REPEAT)
(55) Angle button (ANGLE)
(56) Repeat button (REPEAT)
(57) Random button (RANDOM)

To operate functions labeled in orange, press [SHIFT] and the corresponding button at the same time.

(17) Auto power-off button (AUTO OFF)
(30) Channel select button (CH SELECT)
(40) 3D AI EQ button (3D AI)
(41) Test signal button (TEST)
(42) DOLBY PRO LOGIC button (□□PL)
(43) AV effect button (AV EFFECT)
(45) Marker button (MARKER)
(48) Sleep button (SLEEP)
(49) Initial settings button (ACTION)
(51) 2 channel down-mixing button (MIX 2CH)
(53) Super surround button (S.SRND)
(56) Simulated stereo button (S.ST)

9. Operation Checks and Component Replacement Procedures

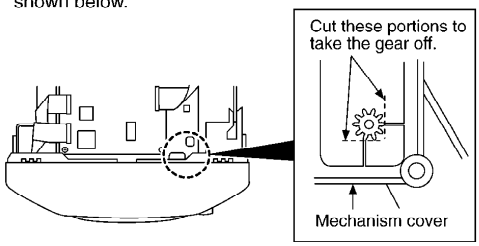
- This section describes procedures for checking the operation of the major printed circuit boards and replacing the main components.

- For reassembly after operation checks or replacement, reverse the respective procedures. Special reassembly procedures are described only when required.

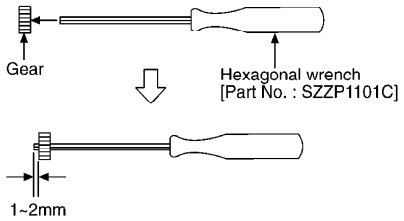
Gear for servicing (as jig) information

1. This unit has a gear which used for checking items (Open/close of disc tray, up/down operation of traverse unit by manually) when servicing. (For gear information, that is described on the items for disassembly procedures.)
2. For preparation of gear (for servicing), perform the procedures as follows.
3. In case of re-servicing the same set, the "gear for servicing" may be took off because it had been used. So, the "gear for servicing" must be stored.

1. Remove the gear provided with mechanism cover as shown below.

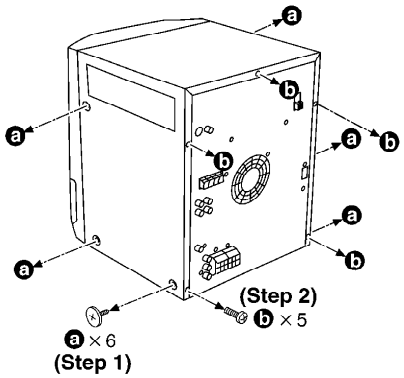


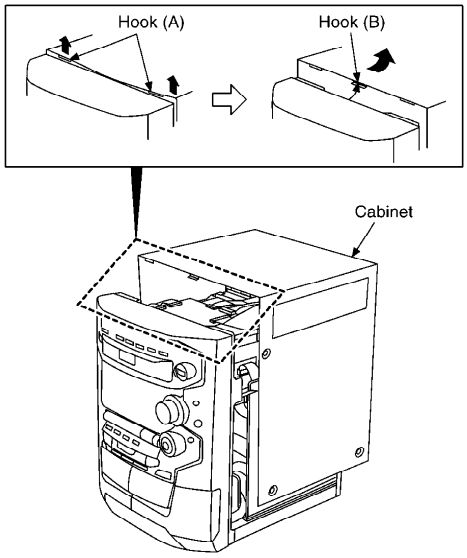
2. Insert the hexagonal wrench (2mm) into the gear, and then project the tip of wrench for 1~2mm length.



(Preparation of gear as jig is completed.)

9.1. Checking for the main P.C.B. and DVD module (1) P.C.B.

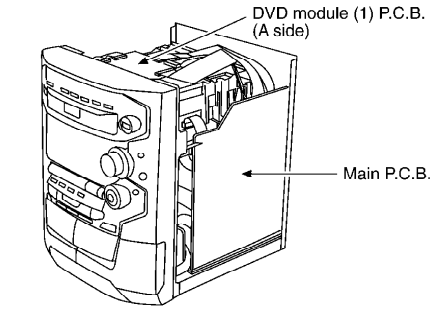


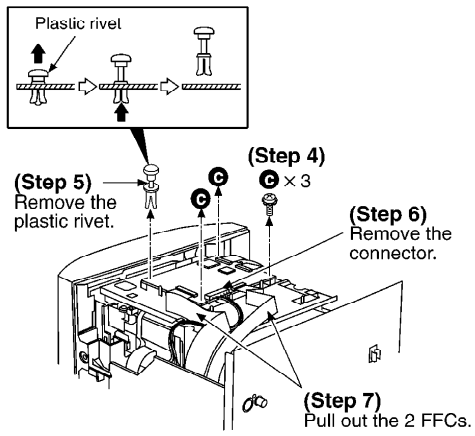


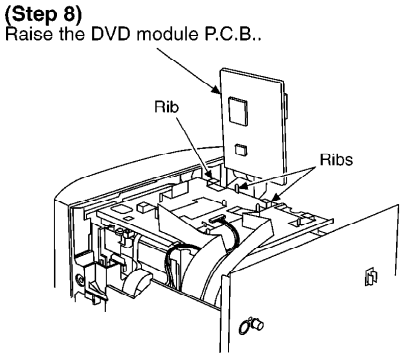
(Step 3)
Lift up the both sides of cabinet ass'y to release the hooks (A). Then, pull the cabinet ass'y toward the rear and release the hook (B) to remove the cabinet ass'y.

NOTE:
When installing the cabinet ass'y, take care not to damage the front cabinet ass'y from hook (B).

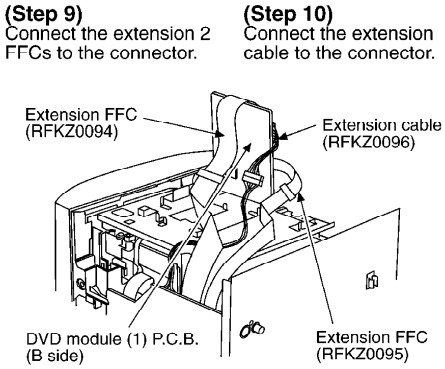
- Check the main P.C.B. and DVD module (1) P.C.B. (A side) as shown below.







- Check the DVD module (1) P.C.B. (B side) as shown below.


(Step 9)
Connect the extension 2 FFCs to the connector.
(Step 10)
Connect the extension cable to the connector.
Extension FFC (RFKZ0094)
Extension cable (RFKZ0096)
DVD module (1) P.C.B. (B side)
Extension FFC (RFKZ0095)

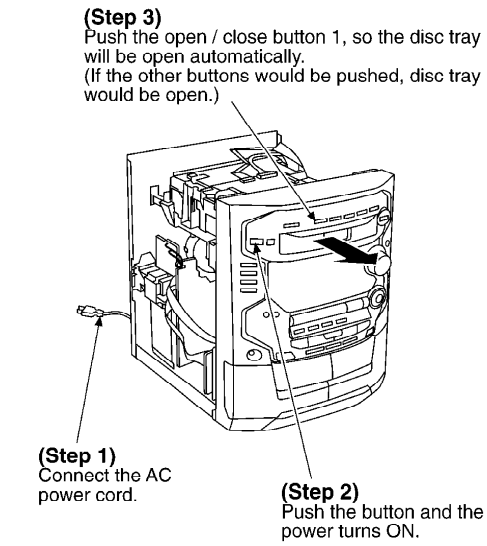
9.2. Disassembly for the DVD changer unit

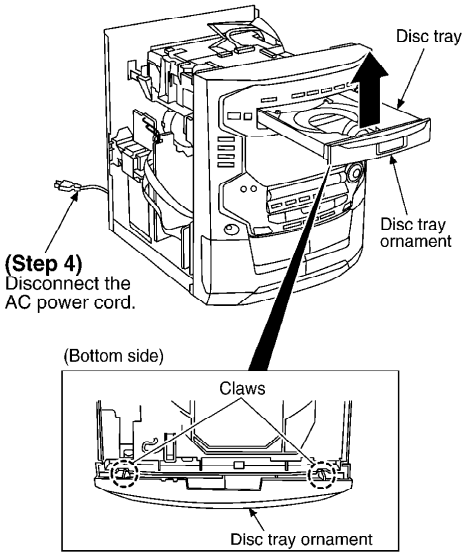
(The DVD changer unit can be removed until the tray base / ornament would removed.)

9.2.1. Disassembly for the disc tray ornament

- Follow the (Step 1) - (Step 3) of item 9.1.

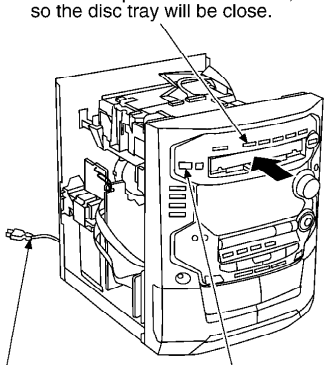
When opening the disc tray automatically


(Step 3)
Push the open / close button 1, so the disc tray will be open automatically.
(If the other buttons would be pushed, disc tray would be open.)
(Step 1)
Connect the AC power cord.
(Step 2)
Push the button and the power turns ON.



(Step 5)
Release the 2 claws, and then remove the disc tray ornament.

(Step 8)
Push the open / close button 1, so the disc tray will be close.

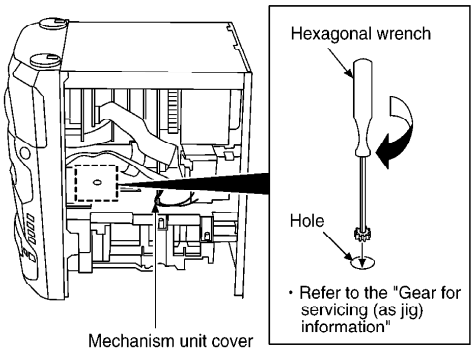


(Step 6)
Connect the AC power cord.

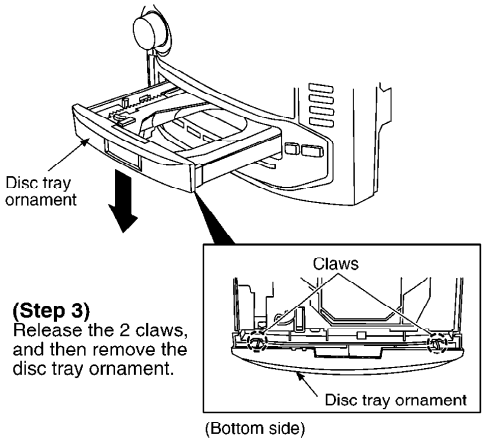
(Step 7)
Push the button and the power turns ON.

When opening the disc tray manually

(Step 1)
Upset the unit.

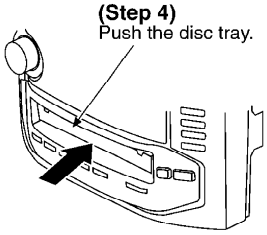


(Step 2)
Insert the gear for servicing into the bottom hole of mechanism unit cover, and then rotate the hexagonal wrench in the direction of arrow. So, the disc tray will be open.



(Step 3)
Release the 2 claws, and then remove the disc tray ornament.

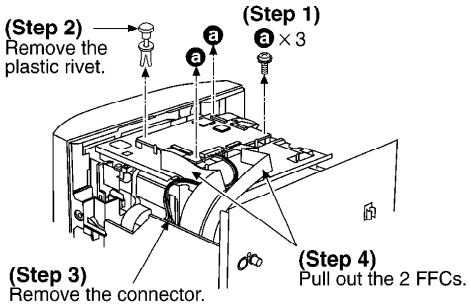
(Step 4)
Push the disc tray.

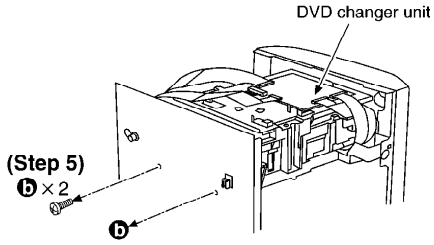


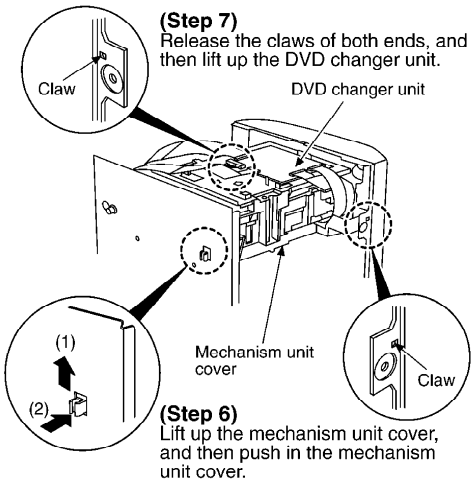
9.2.2. Disassembly for the DVD changer unit

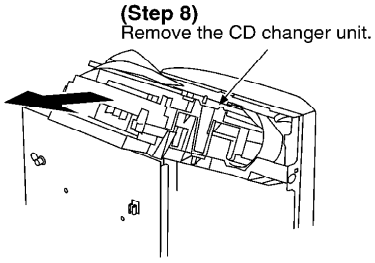
- Follow the (Step 1) - (Step 3) of item 9.1.

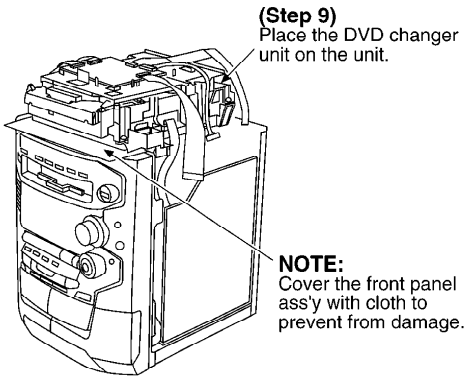
- Follow the disassembly instruction for the disc tray / ornament of item 9.2.1.

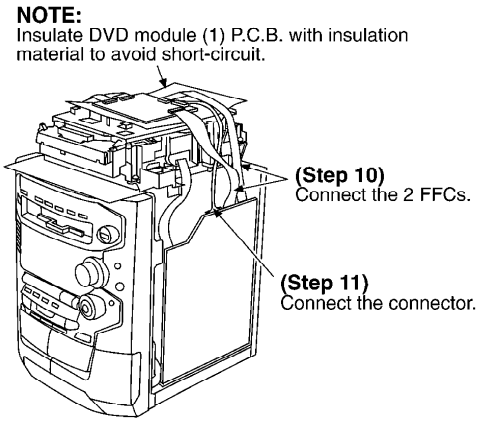

(Step 2)
Remove the plastic rivet.
(Step 1)
ⓐ × 3
(Step 3)
Remove the connector.
(Step 4)
Pull out the 2 FFCs.


DVD changer unit
(Step 5)
ⓑ × 2


(Step 7)
Release the claws of both ends, and then lift up the DVD changer unit.
Claw
DVD changer unit
(1)
(2)
Mechanism unit cover
Claw
(Step 6)
Lift up the mechanism unit cover, and then push in the mechanism unit cover.


(Step 8)
Remove the CD changer unit.





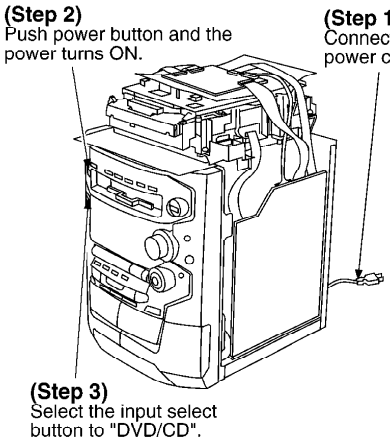
〈 The preparation of checking procedures in operational condition is completed. 〉

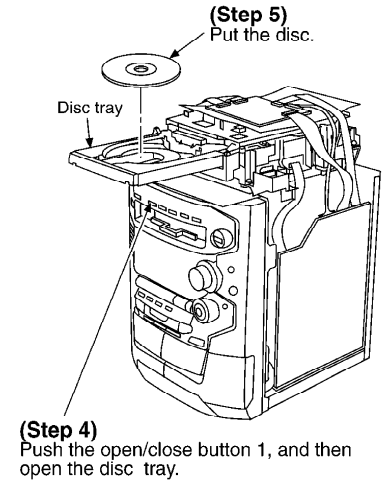
9.3. Checking for the unit operational condition

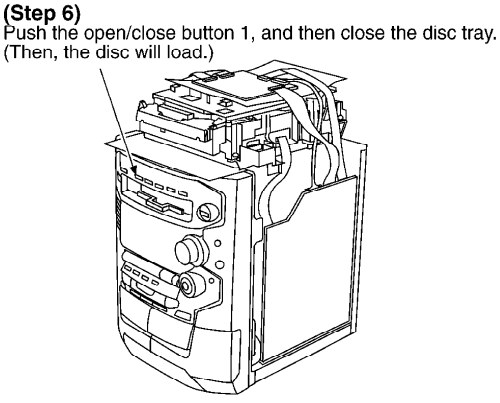
(Place the unit horizontally when loading the DVD changer unit.)

9.3.1. Initial setting of DVD/CD

- **Follow the (Step 1) - (Step 3) of item 9.1.**
- **Follow the disassembly instruction for the disc tray / ornament of item 9.2.1.**
- **Follow the disassembly instruction for the DVD changer / unit of item 9.2.2.**


(Step 2)
Push power button and the power turns ON.
(Step 1)
Connect the AC power cord.
(Step 3)
Select the input select button to "DVD/CD".

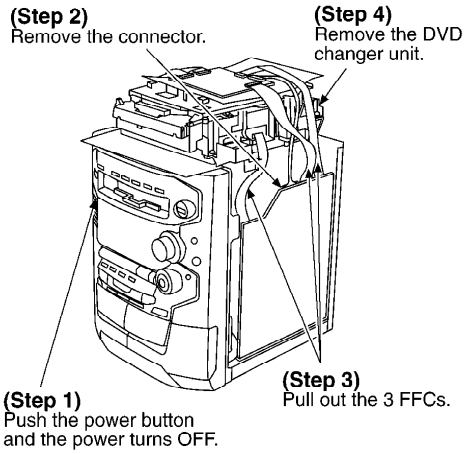


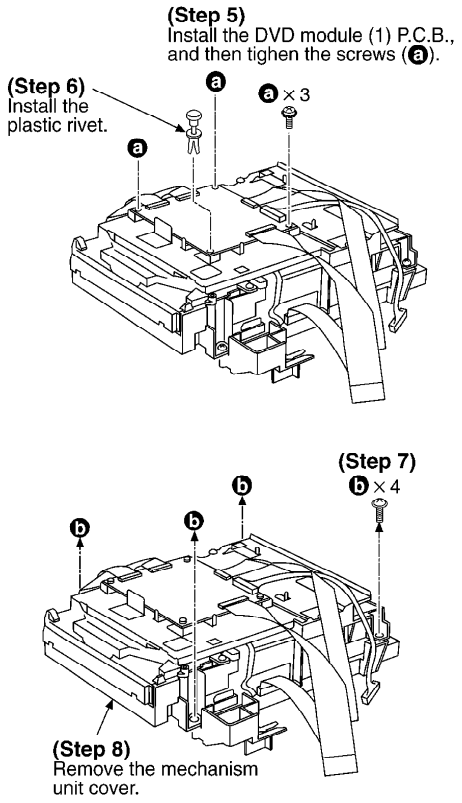


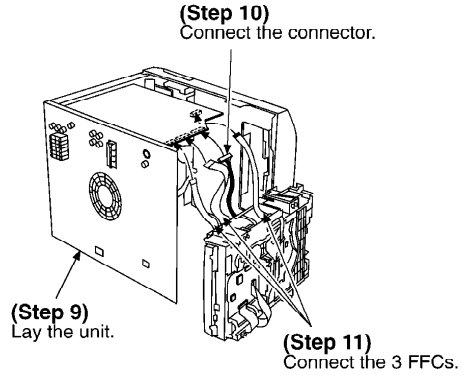
〈**The initial setting of DVD/CD unit is completed.**〉

9.3.2. Checking for the DVD module (2) P.C.B.

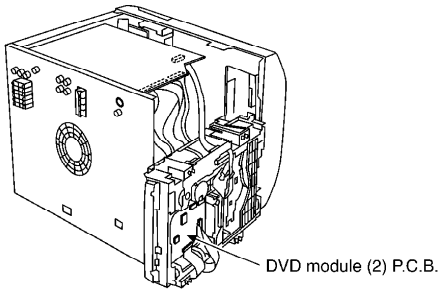
- The initial setting of DVD/CD unit must be completed. / (Refer to the initial setting of DVD/CD unit in item 9.3.1.)





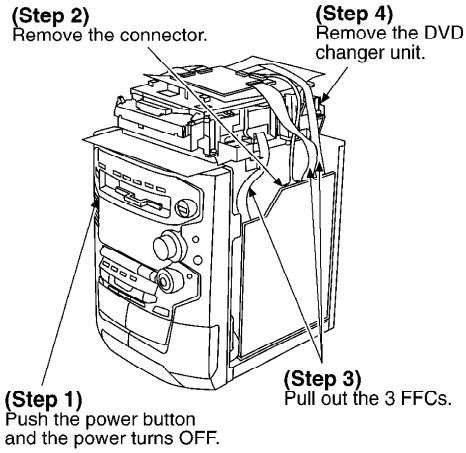


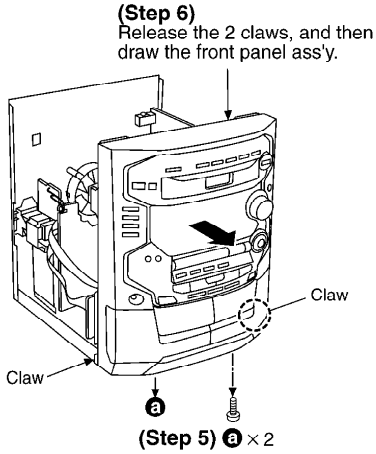
- Check the DVD module (2) P.C.B. as shown below.



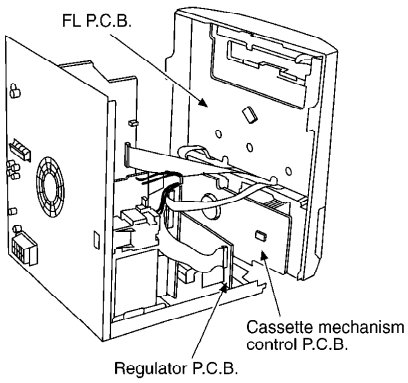
9.3.3. Checking for the FL P.C.B., cassette mechanism control P.C.B., regulator P.C.B. and power supply P.C.B.

- The initial setting of DVD/CD unit must be completed. / (Refer to the initial setting of DVD/CD unit in item 9.3.1.)

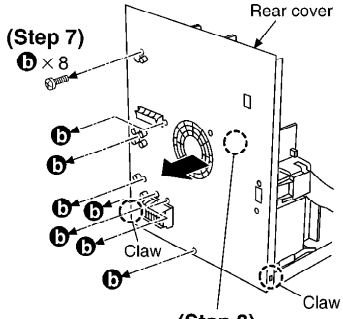




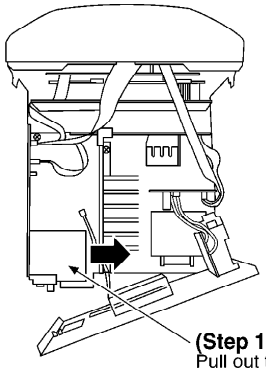
- Check the FL P.C.B., cassette mechanism control P.C.B. and regulator P.C.B. as shown below.



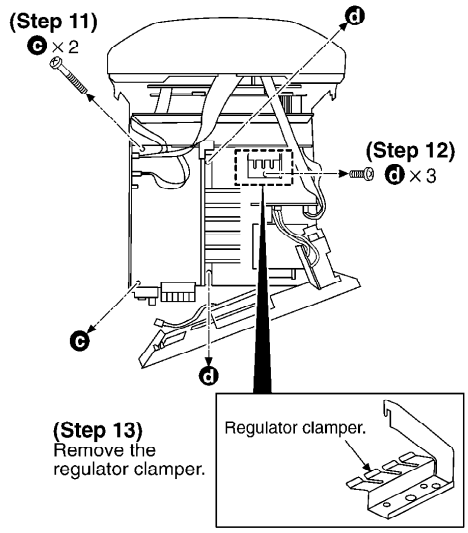
(Step 9)
Release the 2 claws, and then remove the rear cover.



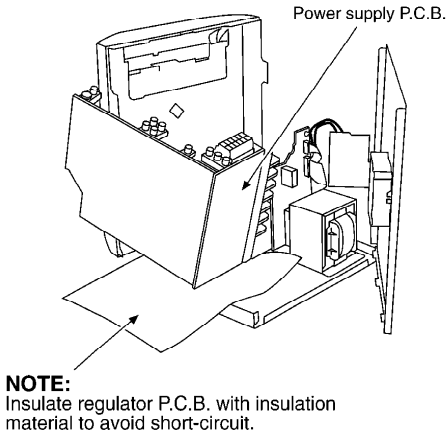
(Step 8)
Remove the connector (CN351).



(Step 10)
Pull out the tuner pack.



- Check the power supply P.C.B. as shown below.

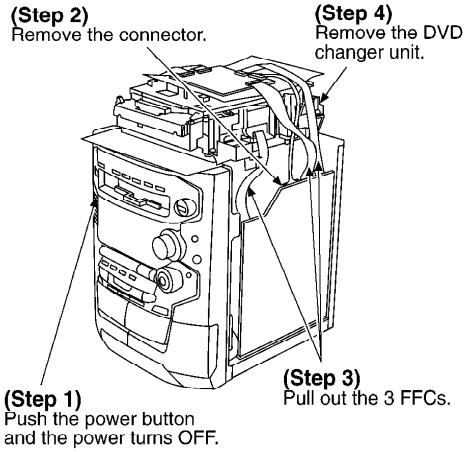


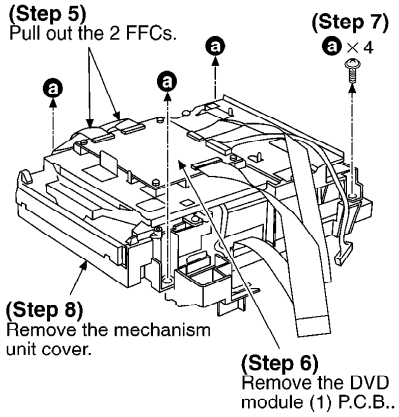
9.4. Replacement for the traverse deck ass'y

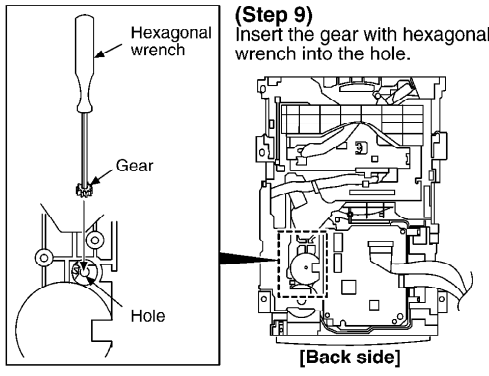
- Follow the (Step 1) - (Step 3) of item 9.1.

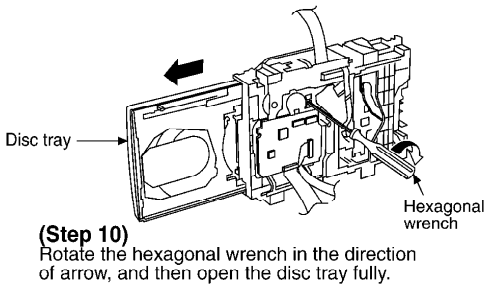
- Follow the disassembly instruction for the disc tray / ornament of item 9.2.1.

- Follow the disassembly instruction for the DVD changer / unit of item 9.2.2.

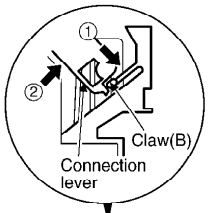

(Step 2)
Remove the connector.
(Step 4)
Remove the DVD changer unit.
(Step 1)
Push the power button and the power turns OFF.
(Step 3)
Pull out the 3 FFCs.


(Step 5)
Pull out the 2 FFCs.
(Step 7)
a × 4
(Step 8)
Remove the mechanism unit cover.
(Step 6)
Remove the DVD module (1) P.C.B..

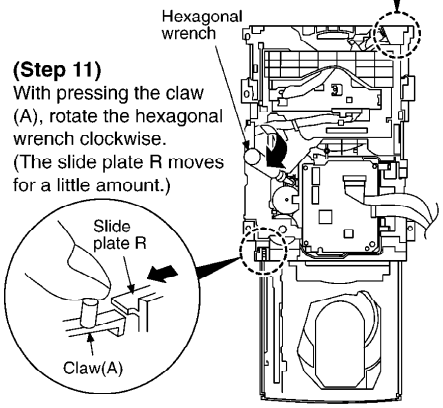

Hexagonal wrench
Gear
Hole
(Step 9)
Insert the gear with hexagonal wrench into the hole.
[Back side]


Disc tray
Hexagonal wrench
(Step 10)
Rotate the hexagonal wrench in the direction of arrow, and then open the disc tray fully.

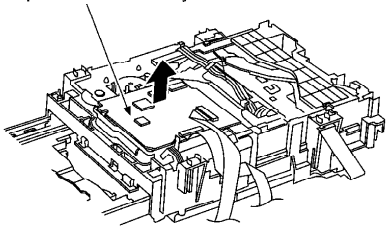
(Step 12)
Pressing the claw (B) in the direction of arrow①, the connection lever moves in the direction of arrow②.

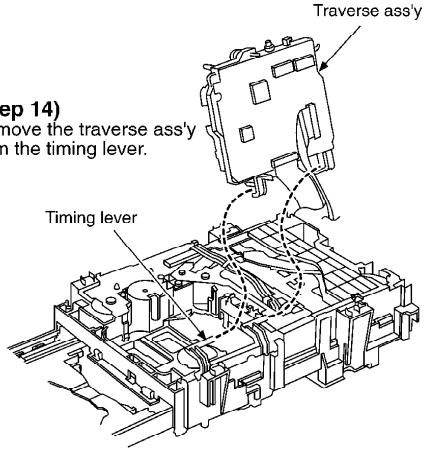


(Step 11)
With pressing the claw (A), rotate the hexagonal wrench clockwise.
(The slide plate R moves for a little amount.)



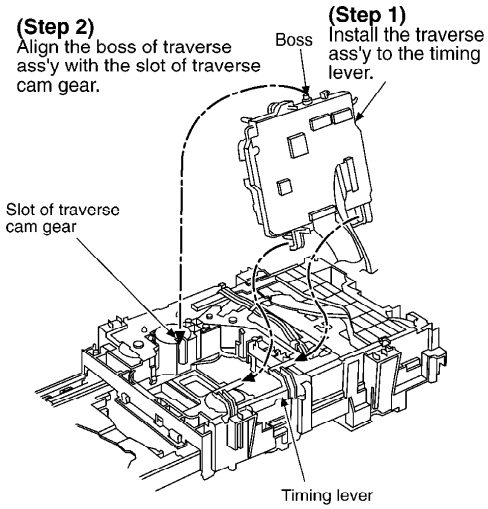
(Step 13)
Lift up the traverse ass'y.

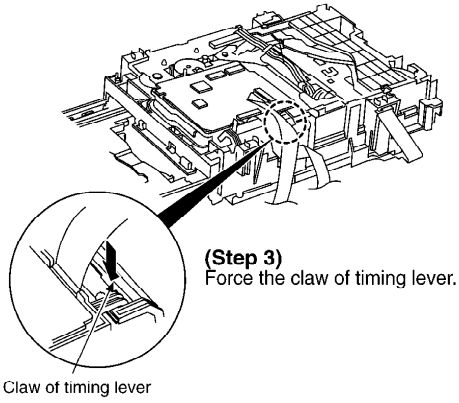


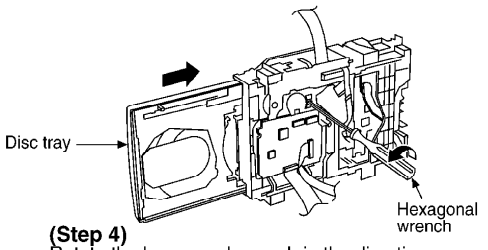


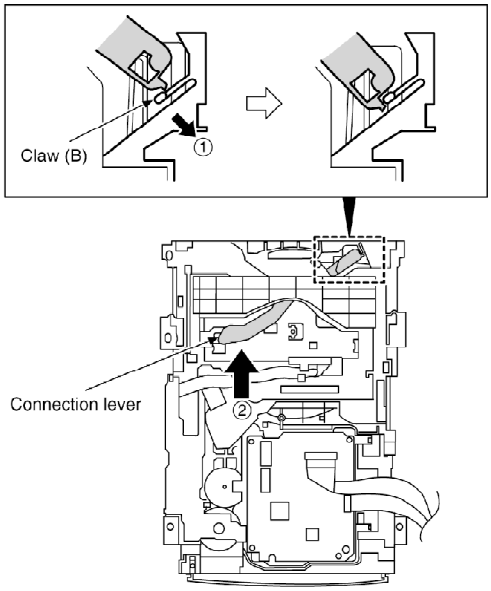
(Step 14)
Remove the traverse ass'y from the timing lever.

Installation for traverse ass'y


(Step 2)
Align the boss of traverse ass'y with the slot of traverse cam gear.
Boss
(Step 1)
Install the traverse ass'y to the timing lever.
Slot of traverse cam gear
Timing lever



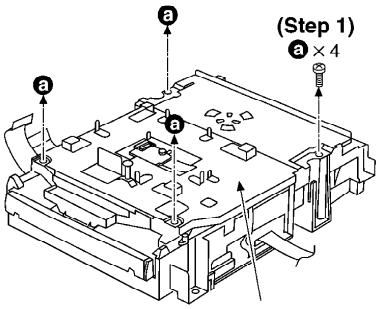

Disc tray
Hexagonal wrench
(Step 4)
Rotate the hexagonal wrench in the direction of arrow, and then close the disc tray fully.



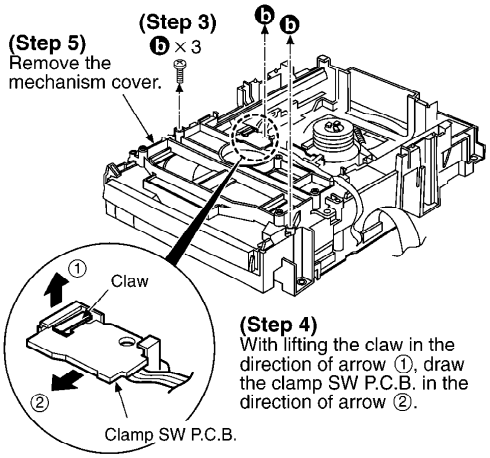
(Step 5)
With pressing the claw (B) in the direction of arrow ①, force the connection lever in the direction of arrow ②.

9.5. Replacement for the disc tray

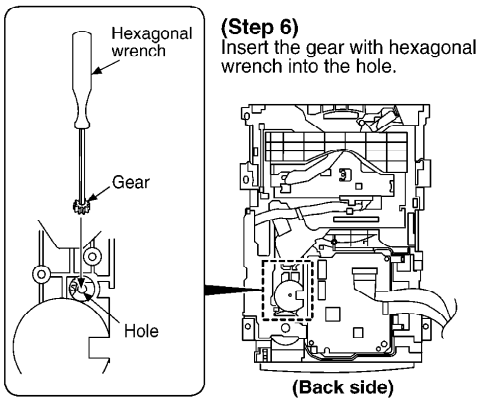
- **Follow the (Step 1) - (Step 3) of item 9.1.**
- **Follow the disassembly instruction for the disc tray / ornament of item 9.2.1.**
- **Follow the disassembly instruction for the DVD changer / unit of item 9.2.2.**
- **Follow the (Step 1) - (Step 8) of item 9.4.**



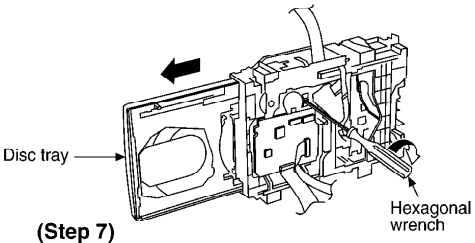
(Step 2)
Remove the upper plate.



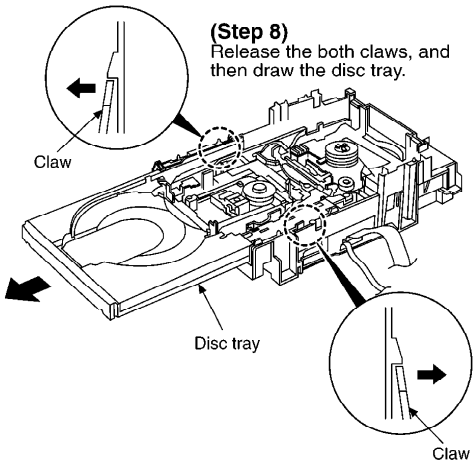
(Step 4)
With lifting the claw in the direction of arrow ①, draw the clamp SW P.C.B. in the direction of arrow ②.



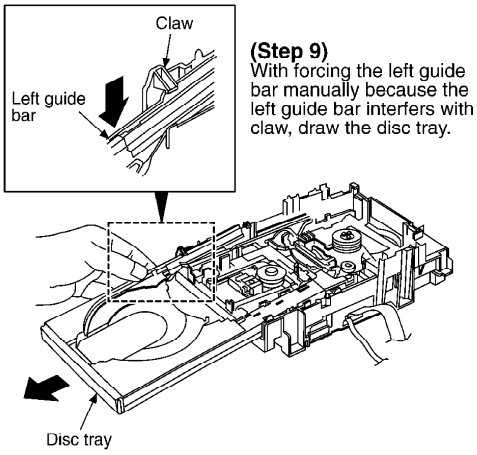
(Step 6)
Insert the gear with hexagonal wrench into the hole.



(Step 7)
Rotate the hexagonal wrench in the direction of arrow, and then open the disc tray fully.



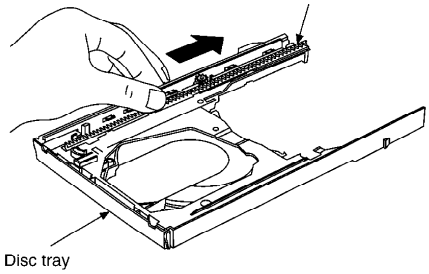
(Step 8)
Release the both claws, and then draw the disc tray.

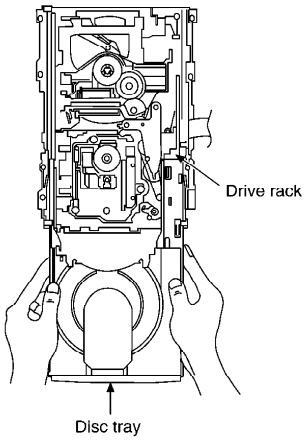


(Step 9)
With forcing the left guide bar manually because the left guide bar interfers with claw, draw the disc tray.

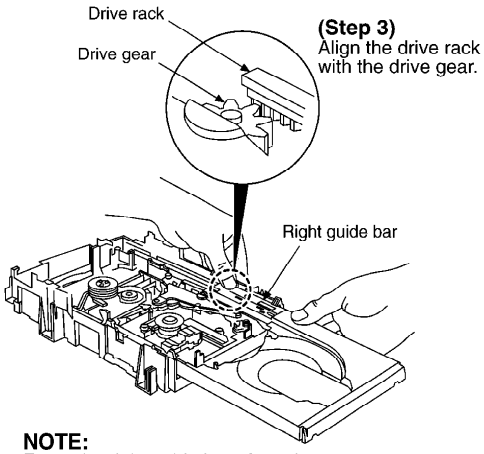
Installation of the disc tray after replacement

(Step 1)
Slide the drive rack fully in the direction of arrow.



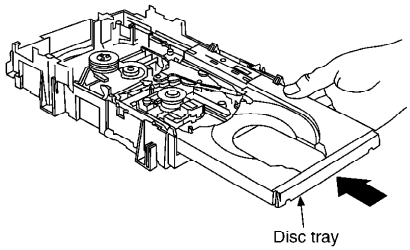


(Step 2)
Holding the drive rack not to move, install the disc tray.



NOTE:
Force the right guide bar of tray base manually not to move upwards.

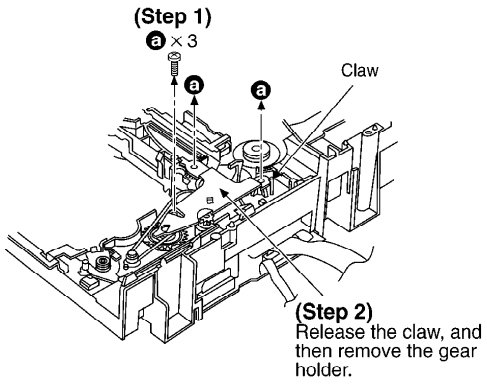
(Step 4)
Holding the disc tray manually, push the disc tray in the direction of arrow.



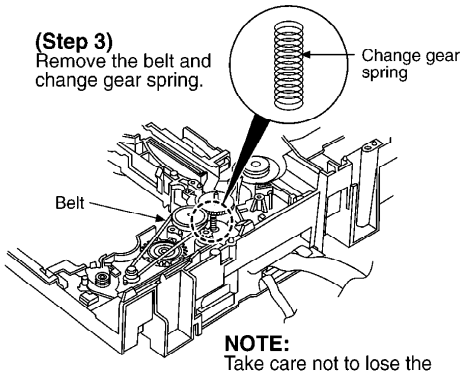
9.6. Disassembly and reassembly for mechanism base drive unit

Disassembly for mechanism base drive unit

- **Follow the (Step 1) - (Step 3) of item 9.1.**
- **Follow the disassembly instruction for the disc tray / ornament of item 9.2.1.**
- **Follow the disassembly instruction for the DVD changer / unit of item 9.2.2.**
- **Follow the (Step 1) - (Step 14) of item 9.4.**
- **Follow the (Step 1) - (Step 9) of item 9.5.**

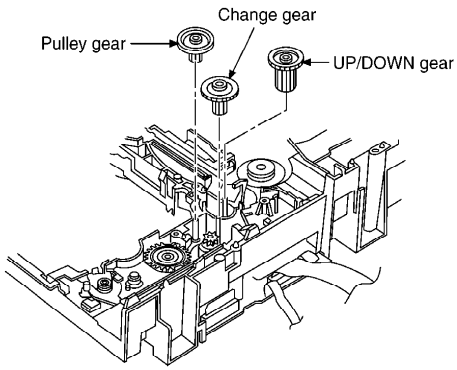


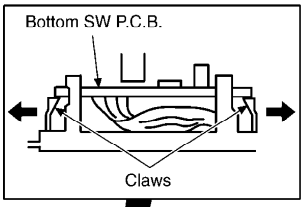
(Step 3)
Remove the belt and change gear spring.



NOTE:
Take care not to lose the change gear spring.

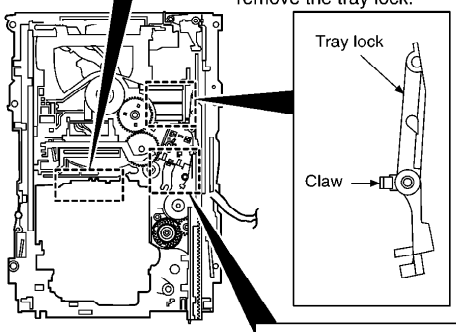
(Step 4)
Remove the pulley gear, change gear and UP/DOWN gear.



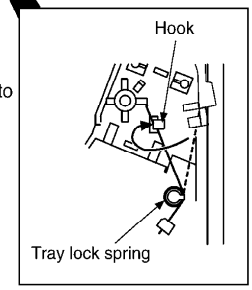


(Step 5)
Release the 2 claws, and then remove the bottom SW P.C.B..

(Step 7)
Release the claw, and then remove the tray lock.

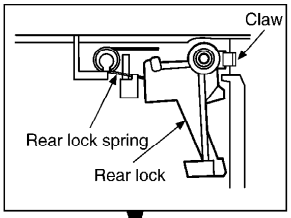


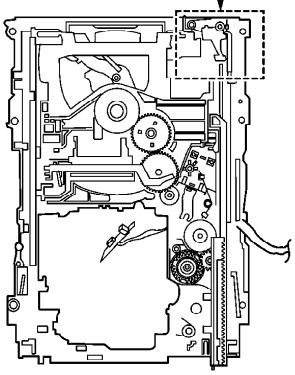
(Step 6)
Install the tray lock spring to the hook temporally.



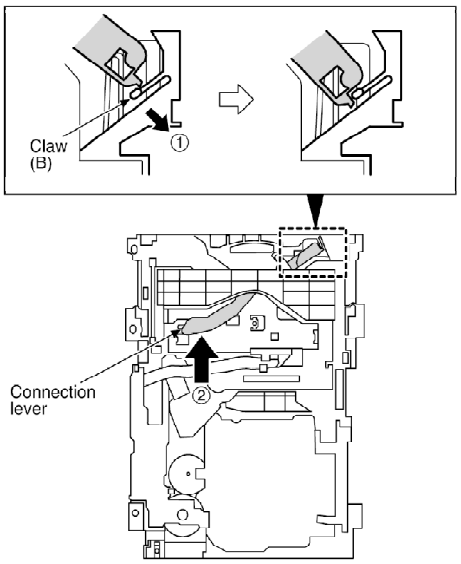
(Step 8)
Release the claw, and then remove the rear lock.

NOTE:
Take care not take the rear lock spring off.

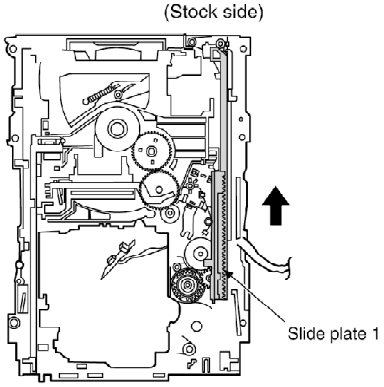




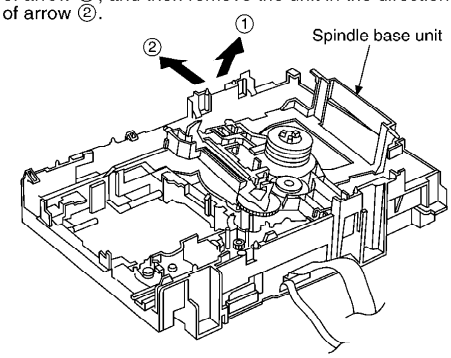
(Step 9)
Pressing the claw (B) in the direction of arrow ①,
force the connection lever in the direction of arrow ②.

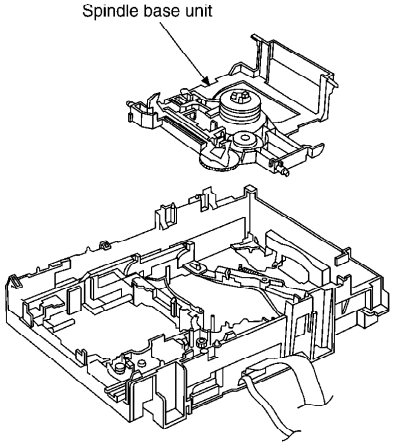


(Step 10)
Move the slide plate 1 to the end of stock side.

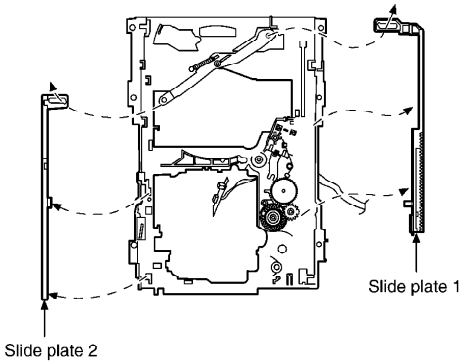


(Step 11)
Lift up the left end of spindle base unit in the direction of arrow ①, and then remove the unit in the direction of arrow ②.

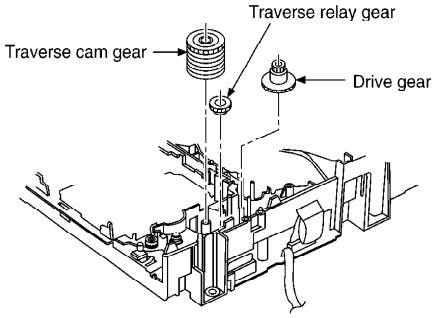




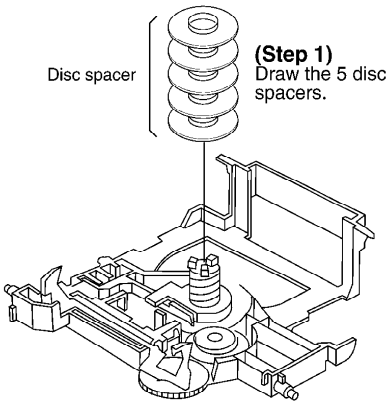
(Step 12)
Remove the slide plate 1 and slide plate 2.



(Step 13)
Remove the traverse relay gear,
traverse cam gear and drive gear.

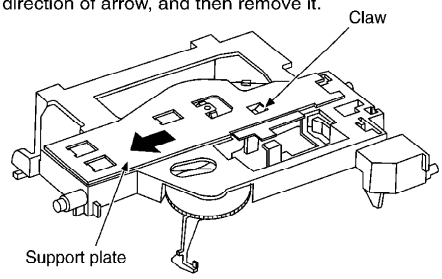


Disassembly/reassembly for the spindle base unit

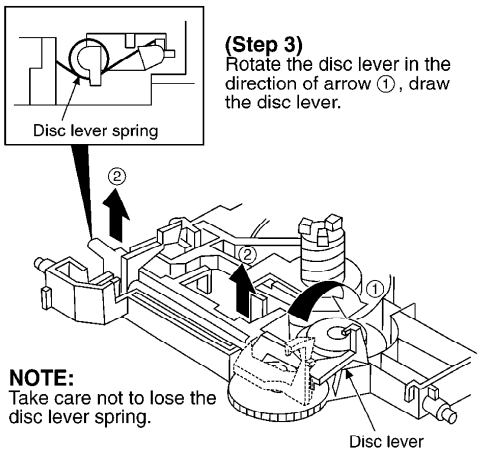


(Step 1)
Draw the 5 disc spacers.

(Step 2)
Pushing the claw, slide the support plate in the direction of arrow, and then remove it.

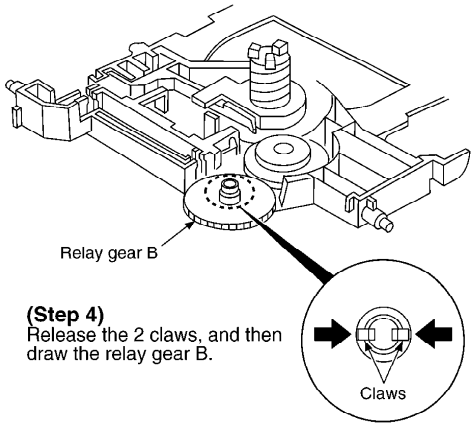


(Installation for disc lever spring)

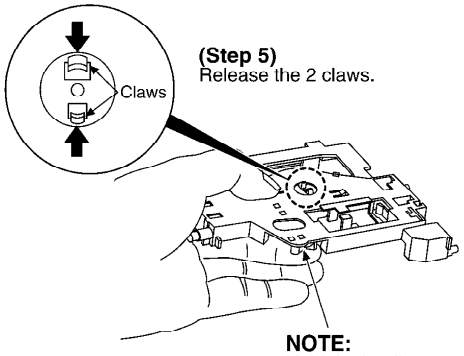


(Step 3)
Rotate the disc lever in the direction of arrow ①, draw the disc lever.

NOTE:
Take care not to lose the disc lever spring.

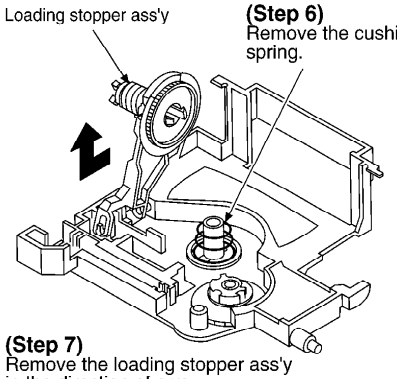


(Step 4)
Release the 2 claws, and then draw the relay gear B.



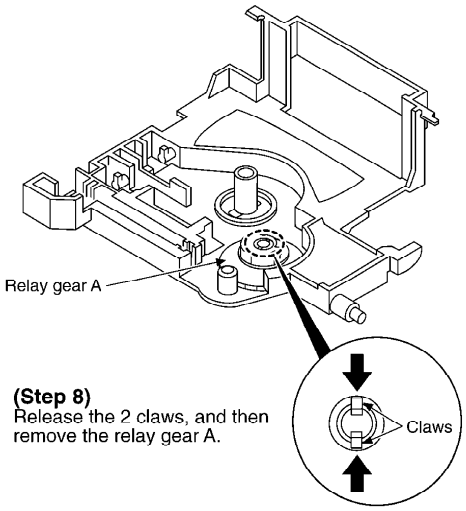
(Step 5)
Release the 2 claws.

NOTE:
Hold the loading stopper ass'y manually because it is flipped by spring.



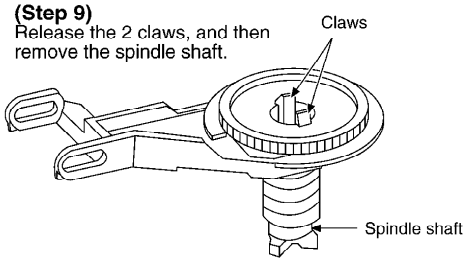
(Step 6)
Remove the cushion spring.

(Step 7)
Remove the loading stopper ass'y in the direction of arrow.

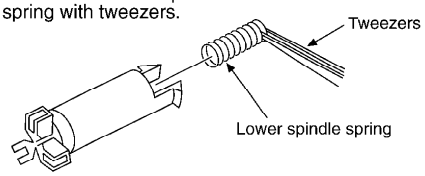


(Step 8)
Release the 2 claws, and then remove the relay gear A.

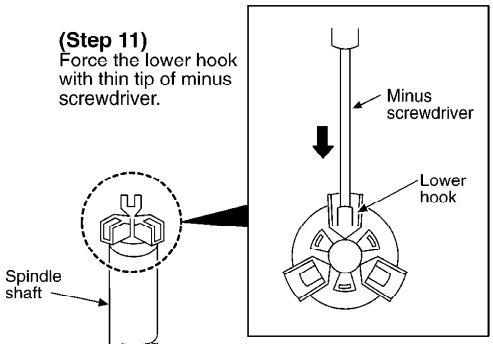
(Step 9)
Release the 2 claws, and then remove the spindle shaft.



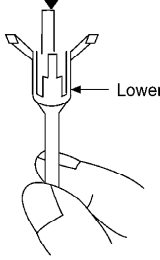
(Step 10)
Remove the lower spindle spring with tweezers.



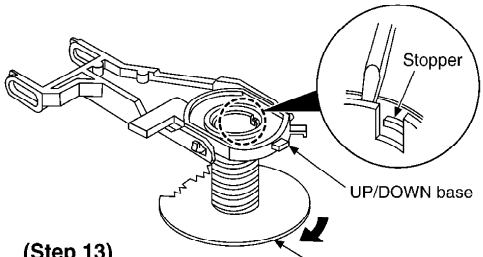
(Step 11)
Force the lower hook with thin tip of minus screwdriver.



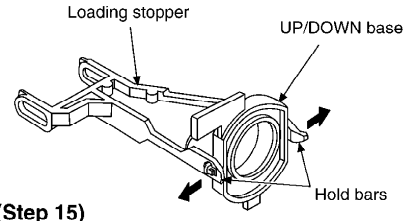
(Step 12)
Squeeze the shaft of lower hook, and then draw it.



(Step 14)
Insert the thin tip of minus screwdriver between the lower spindle and UP/DOWN base, and then slacken the lower spindle to release the stopper.
Then, rotate the lower spindle and remove it.



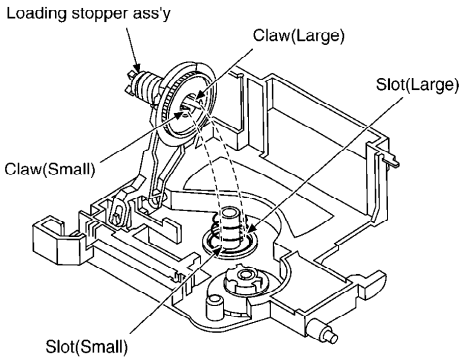
(Step 13)
Rotate the lower spindle in the direction of arrow until the lower spindle interferes with stopper.



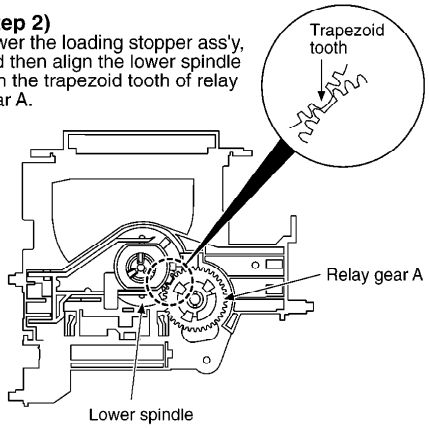
(Step 15)
Rotate the UP/DOWN base at a 90 degree angle. Then, spread the hold bars of loading stopper and remove the UP/DOWN base.

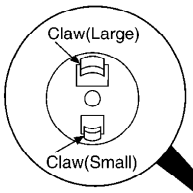
Installation for loading stopper ass'y

(Step 1)
Align the claw of loading stopper ass'y with the slot of spindle base. (Caution should be exercised when alignment of claw due to the size of claws.)

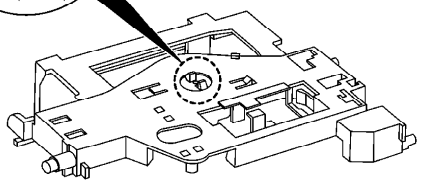


(Step 2)
Lower the loading stopper ass'y, and then align the lower spindle with the trapezoid tooth of relay gear A.

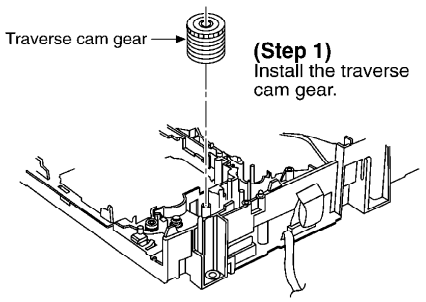




(Step 3)
Force the loading stopper ass'y, latch the claw firmly.

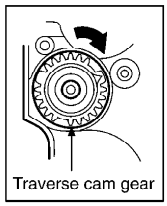


Reassembling for mechanism base drive unit

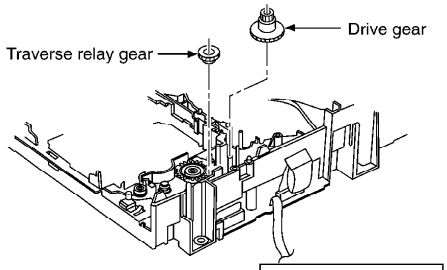


(Step 1)
Install the traverse cam gear.

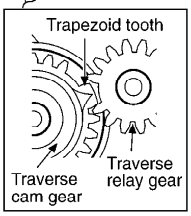
(Step 2)
Rotate the traverse cam gear to the direction of arrow.

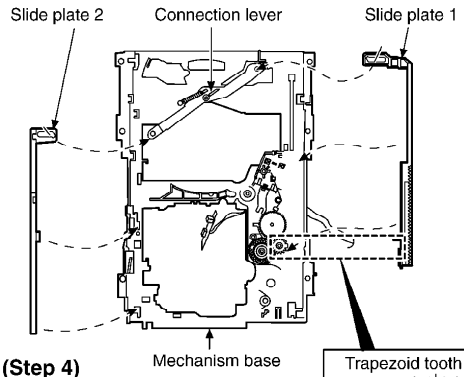


(Step 3)
Install the drive gear and traverse relay gear.



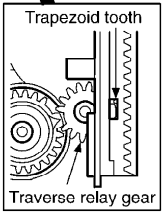
※ When installing the traverse relay gear, align the trapezoid tooth of gear with tooth of traverse cam gear.

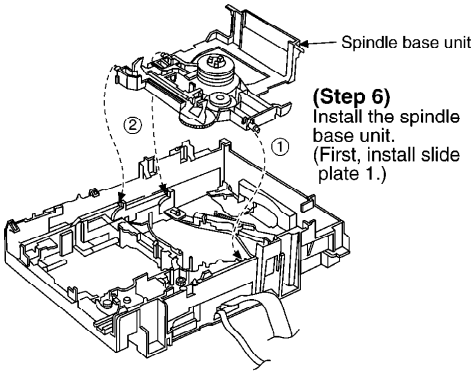




(Step 4)
Install the slide plate 2 to the mechanism base, and then match to the connection lever.

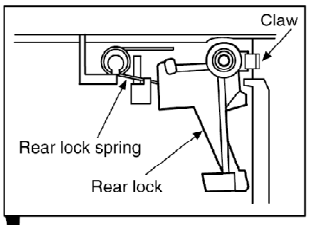
(Step 5)
Install the slide plate 1 to the mechanism base, and then match to the connection lever and align the trapezoid tooth of traverse relay gear with the slide plate 1.

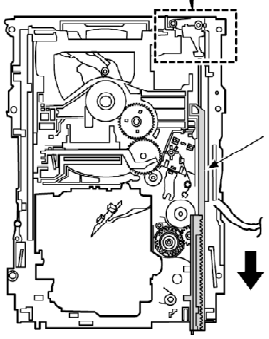




(Step 6)
Install the spindle base unit.
(First, install slide plate 1.)

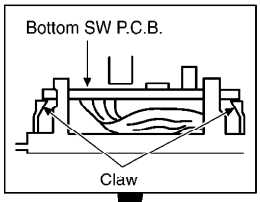
(Step 8)
Install the rear lock.
(The claw should be latched.)





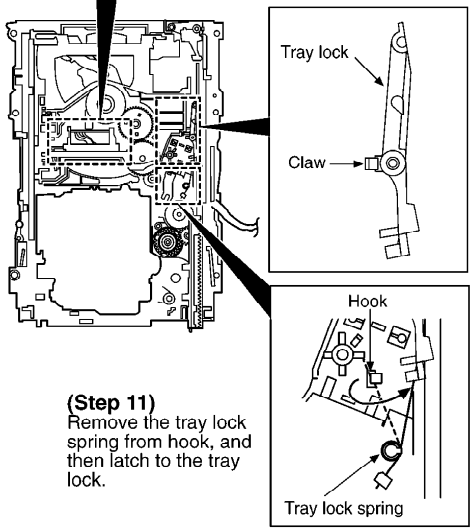
(Step 7)
Move the slide plate 1 to forward fully.

(Front side)



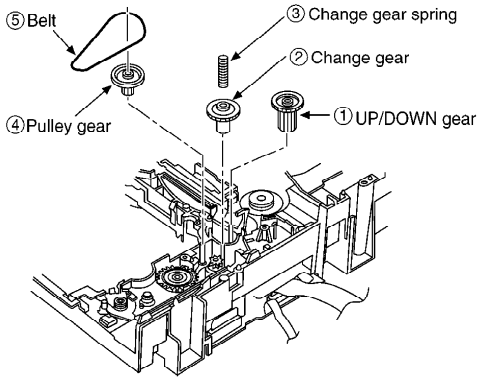
(Step 9)
Install the bottom SW P.C.B..
(The claw should be latched.)

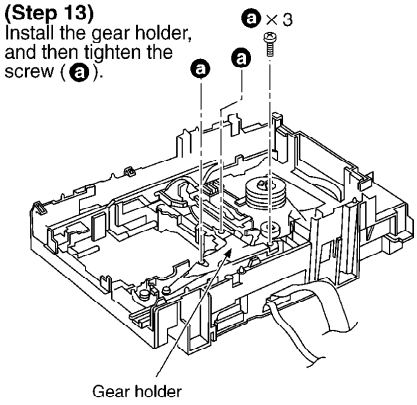
(Step 10)
Install the tray lock.
(The claw should be latched.)



(Step 11)
Remove the tray lock spring from hook, and then latch to the tray lock.

(Step 12)
Install the UP/DOWN gear, change gear, change gear spring, pulley gear and belt in the order of ①-⑤ .



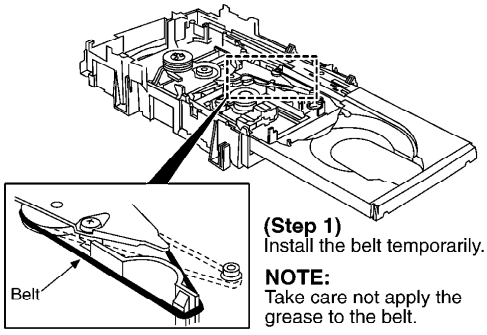


(Step 14)
Install the tray base, traverse ass'y, mechanism cover and upper plate.

[Operation check after servicing]
Check the proper operation of following items with gear and hexagonal screwdriver.
1) Open/close of tray base.
2) Moving the tray base to the stock side.
3) UP/DOWN operation of spindle base unit.
4) UP/DOWN operation of traverse ass'y.

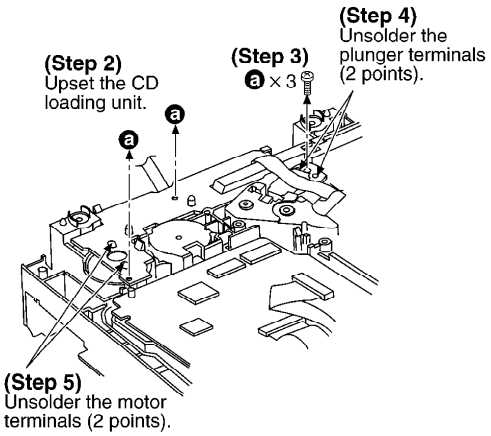
9.7. Replacement for the motor ass'y

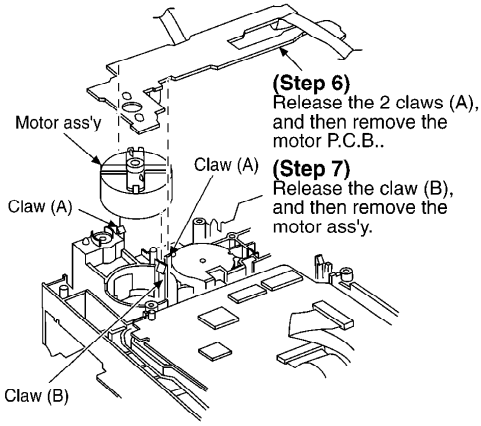
- Follow the (Step 1) - (Step 3) of item 9.1.
- Follow the disassembly instruction for the disc tray / ornament of item 9.2.1.
- Follow the disassembly instruction for the DVD changer / unit of item 9.2.2.
- Follow the (Step 1) - (Step 8) of item 9.4.
- Follow the (Step 1) - (Step 7) of item 9.5.



(Step 1)
Install the belt temporarily.

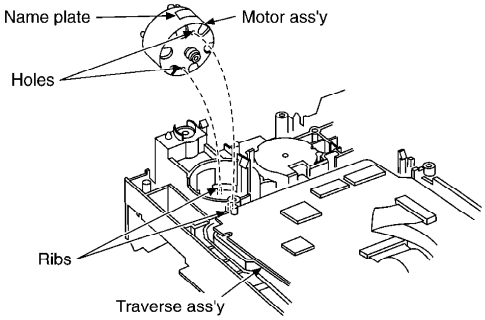
NOTE:
Take care not apply the grease to the belt.




(Step 6)
Release the 2 claws (A), and then remove the motor P.C.B..
Motor ass'y
Claw (A)
(Step 7)
Release the claw (B), and then remove the motor ass'y.
Claw (A)
Claw (B)

Notice for motor ass'y installation

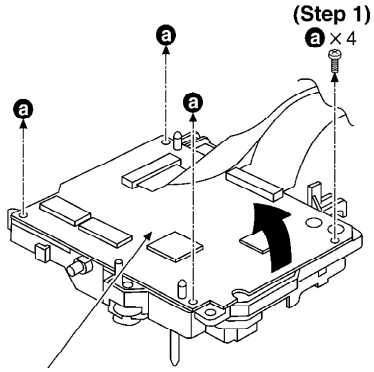
1. Locate the name plate of motor to the traverse ass'y.
2. Align the hole of motor with the ribs.

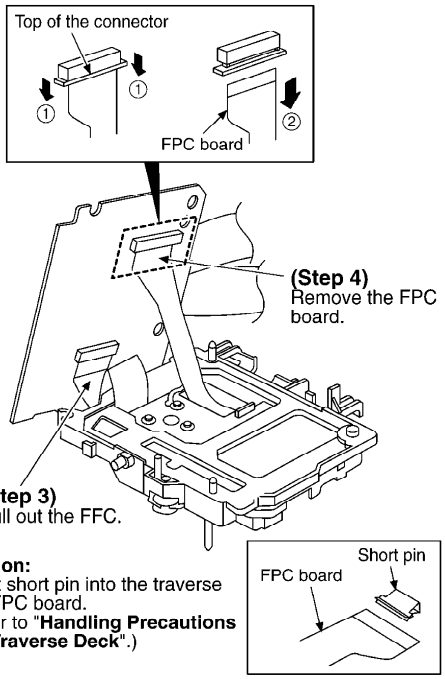


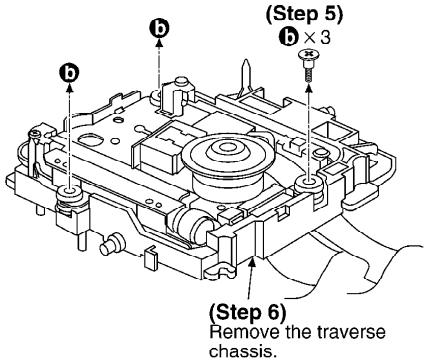
9.8. Replacement for the traverse motor ass'y, optical pickup and spindle motor ass'y

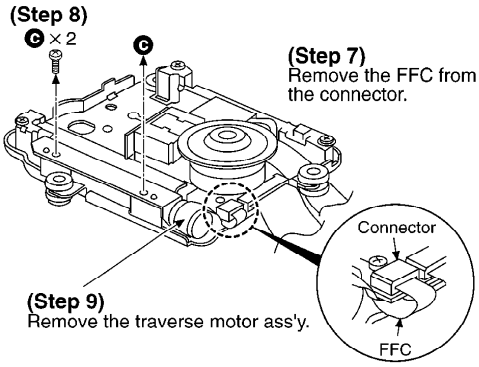
- **Follow the (Step 1) - (Step 3) of item 9.1.**
- **Follow the disassembly instruction for the disc tray / ornament of item 9.2.1.**
- **Follow the disassembly instruction for the DVD changer / unit of item 9.2.2.**

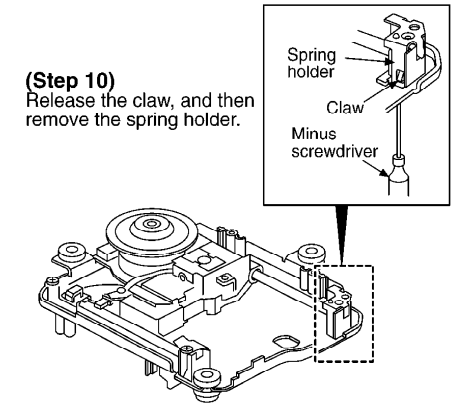
- Follow the (Step 1) - (Step 14) of item 9.4.

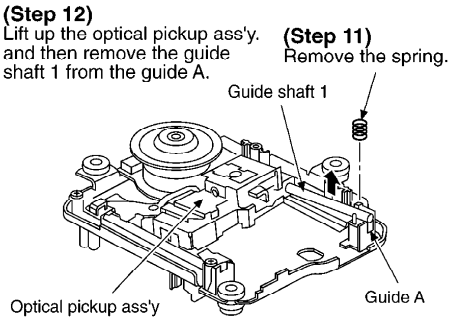




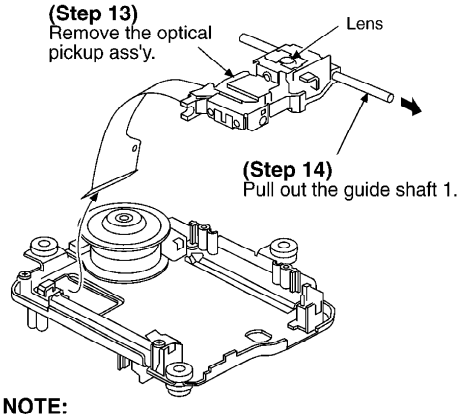




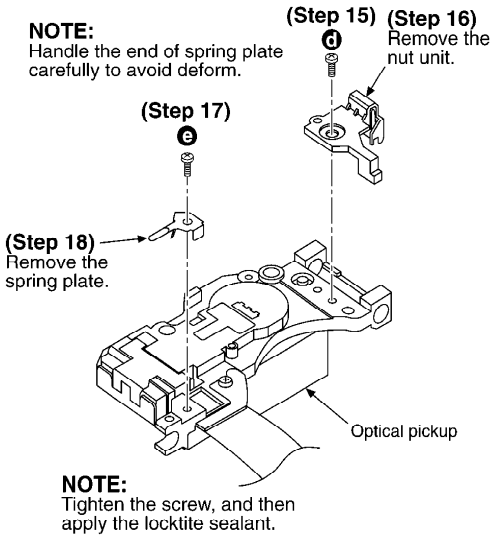


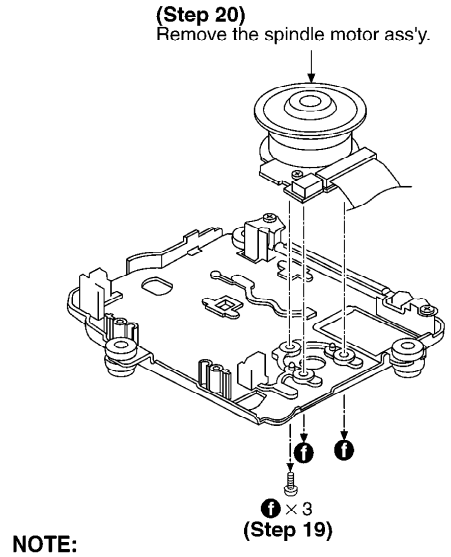

(Step 12)
Lift up the optical pickup ass'y. and then remove the guide shaft 1 from the guide A.
(Step 11)
Remove the spring.
Guide shaft 1
Optical pickup ass'y
Guide A

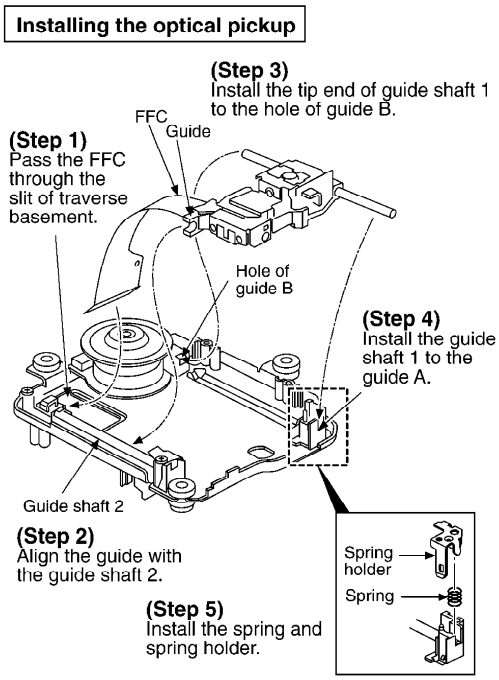
NOTE:
Take care not to lose the spring.

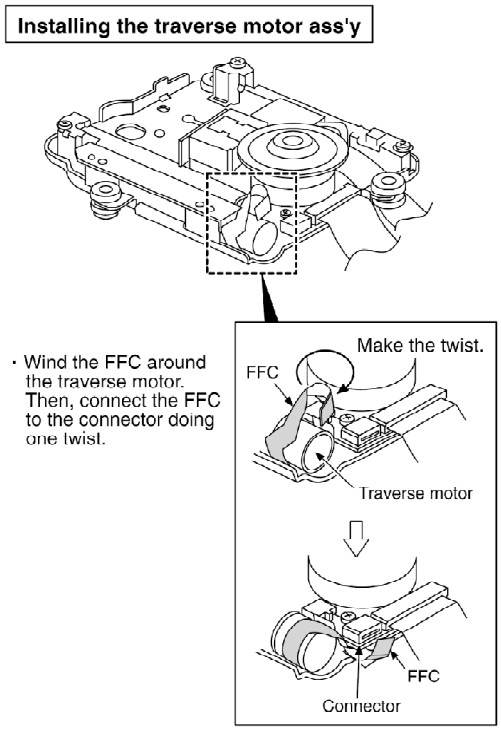


NOTE:
1. Use care to prevent damage the optical pickup, due to the precision construction.
2. Do not touch the lens of the optical pickup.


NOTE:
Handle the end of spring plate carefully to avoid deform.
(Step 15)
d
(Step 16)
Remove the nut unit.
(Step 17)
e
(Step 18)
Remove the spring plate.
Optical pickup
NOTE:
Tighten the screw, and then apply the locktite sealant.


(Step 20)
Remove the spindle motor ass'y.
f
f
f × 3
(Step 19)
NOTE:
Tighten the screw, and then apply the locktite sealant.

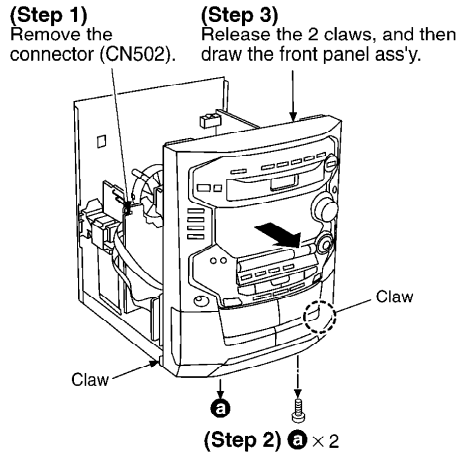

Installing the optical pickup
(Step 3)
Install the tip end of guide shaft 1 to the hole of guide B.
FFC
Guide
(Step 1)
Pass the FFC through the slit of traverse basement.
Hole of guide B
(Step 4)
Install the guide shaft 1 to the guide A.
Guide shaft 2
(Step 2)
Align the guide with the guide shaft 2.
Spring holder
Spring
(Step 5)
Install the spring and spring holder.

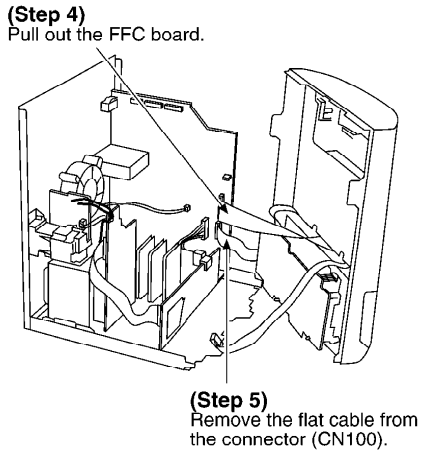

Installing the traverse motor ass'y
· Wind the FFC around the traverse motor. Then, connect the FFC to the connector doing one twist.
Make the twist.
FFC
Traverse motor
FFC
Connector

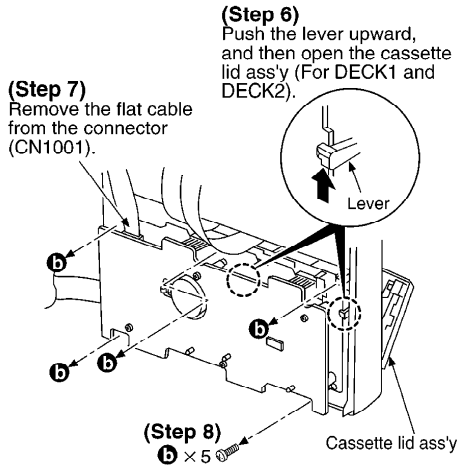
9.9. Replacement for the pinch roller ass'y and head block

- Follow the (Step 1) - (Step 3) of item 9.1.
- Follow the disassembly instruction for the disc tray / ornament of item 9.2.1.
- Follow the disassembly instruction for the DVD changer / unit of item 9.2.2.

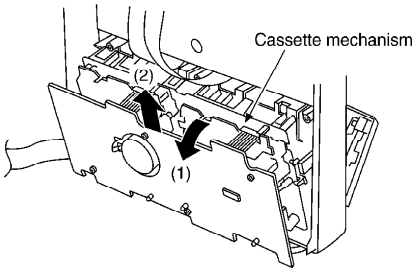
- Follow the (Step 1) - (Step 4) of item 9.3.3.

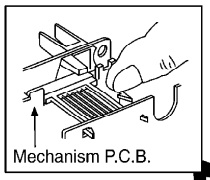




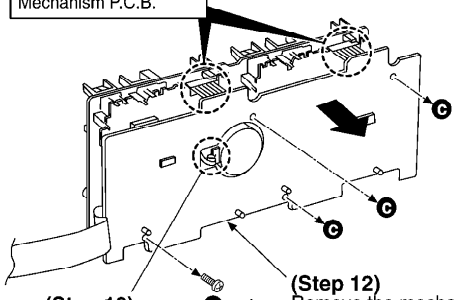


(Step 9)
Tilt the cassette mechanism in the direction of arrow (1), and then remove it in the direction of arrow (2).





NOTE:
When removing the mechanism control P.C.B., remove it with holding the mechanism P.C.B..



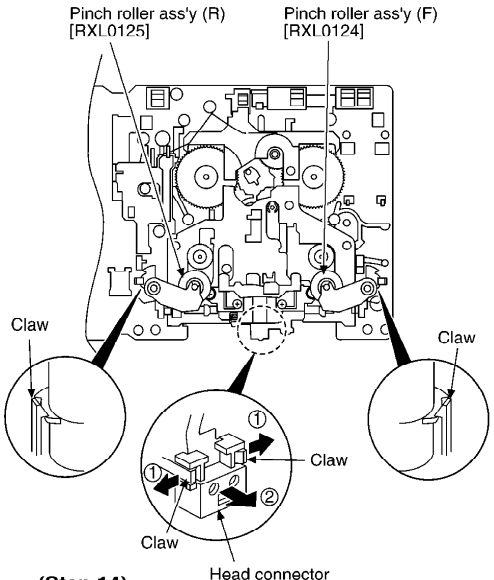
(Step 10)
Unsolder the motor terminals.

(Step 11)
× 4

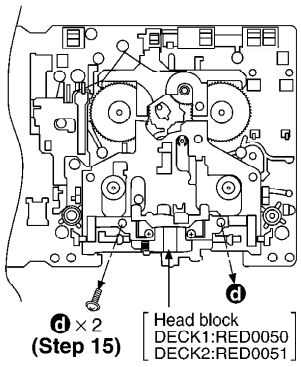
(Step 12)
Remove the mechanism control P.C.B..

※ The mechanism as shown below is for DECK2.
For the one of DECK1, perform the same procedures.

(Step 13)
Release the 2 claws, and then remove the pinch roller (R), (F).

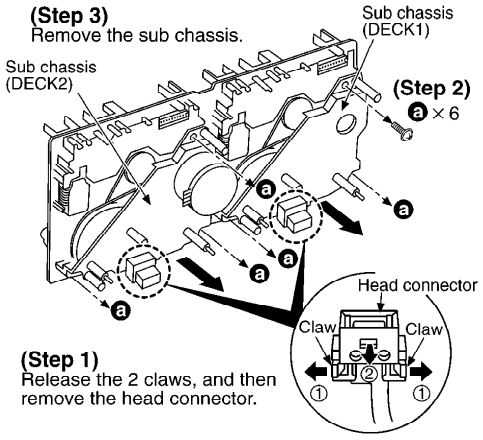


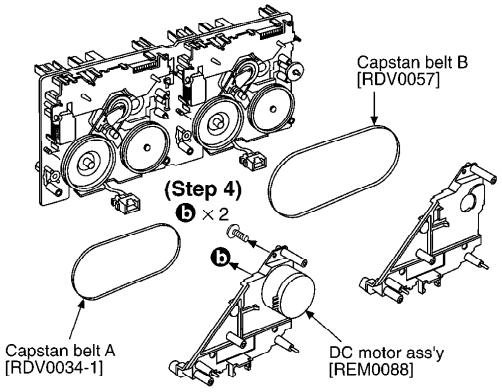
(Step 14)
Release the 2 claws, and then remove the head connector.

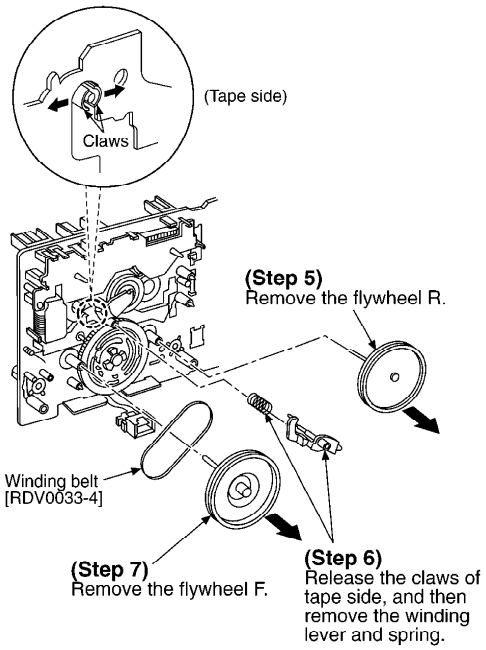


9.10. Replacement for the CD motor ass'y, capstan belt A, capstan belt B and winding belt

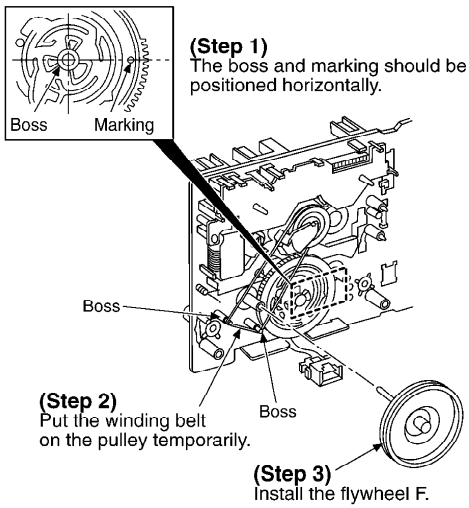
- Follow the (Step 1) - (Step 3) of item 9.1.
- Follow the disassembly instruction for the disc tray / ornament of item 9.2.1.
- Follow the disassembly instruction for the DVD changer / unit of item 9.2.2.
- Follow the (Step 1) - (Step 4) of item 9.3.3.
- Follow the (Step 1) - (Step 12) of item 9.9.

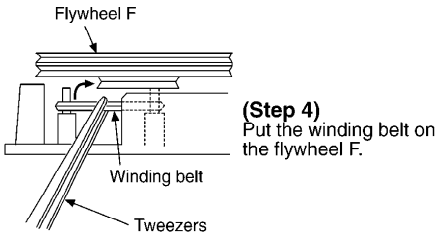


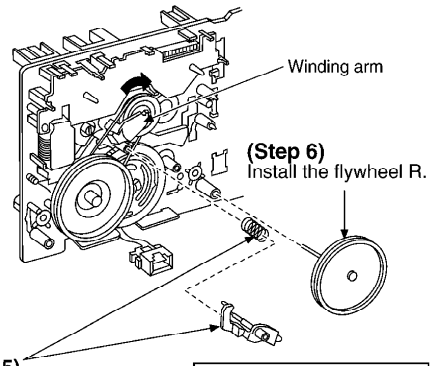




Installation of the belt

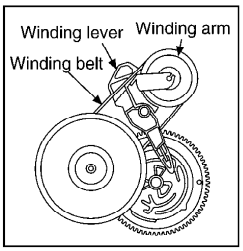






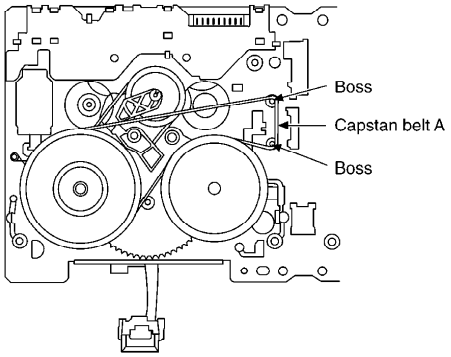
(Step 6)
Install the flywheel R.

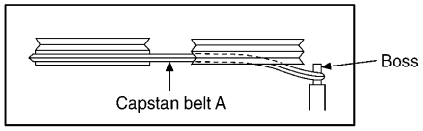
(Step 5)
Install the winding lever and spring while pressing the winding arm in the direction of arrow.
(The winding lever must be inserted completly and latched with claws.)



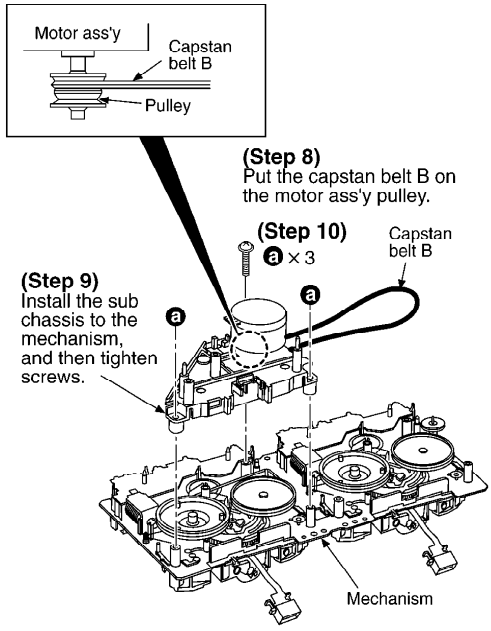
NOTE:
The winding lever should be positioned as shown below.

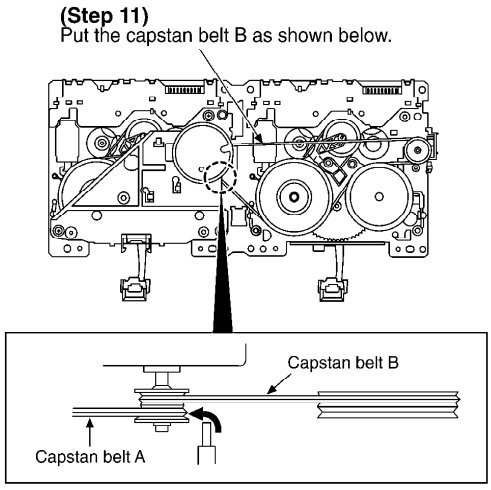
(Step 7)
Put the capstan belt A temporarily as shown below.





(Side view)

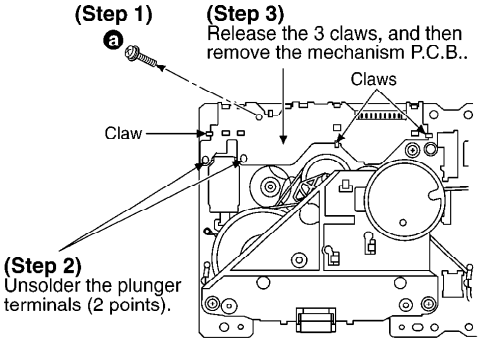




(Step 12)
Put the capstan belt A on the motor ass'y pulley.

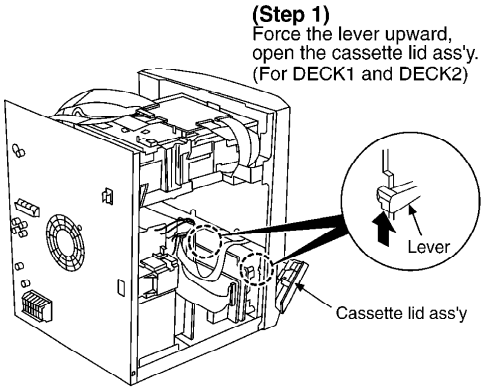
9.11. Replacement for the component parts on the mechanism P.C.B.

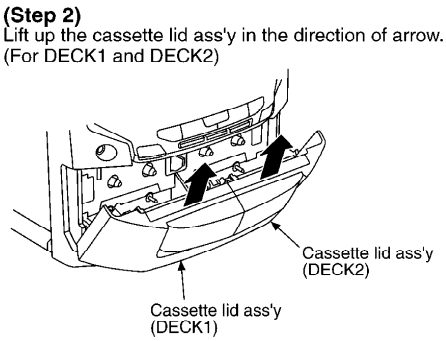
- **Follow the (Step 1) - (Step 3) of item 9.1.**
- **Follow the disassembly instruction for the disc tray / ornament of item 9.2.1.**
- **Follow the disassembly instruction for the DVD changer / unit of item 9.2.2.**
- **Follow the (Step 1) - (Step 4) of item 9.3.3.**
- **Follow the (Step 1) - (Step 12) of item 9.9.**

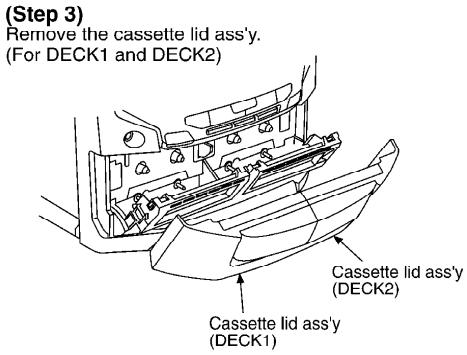


9.12. Replacement for the cassette lid ass'y

- Follow the (Step 1) - (Step 3) of item 9.1.



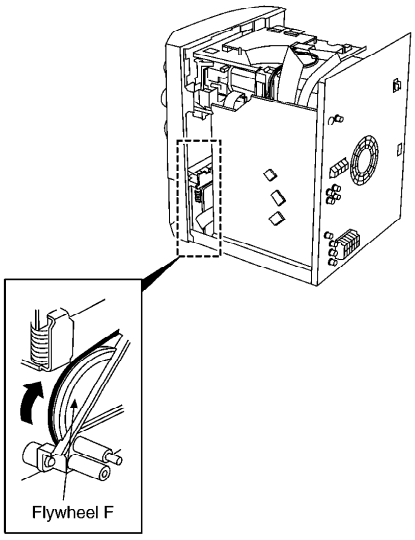

(Step 2)
Lift up the cassette lid ass'y in the direction of arrow.
(For DECK1 and DECK2)
Cassette lid ass'y (DECK2)
Cassette lid ass'y (DECK1)



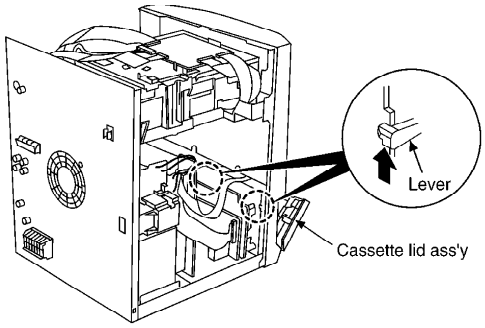
9.13. Measure for tape trouble

- Follow the (Step 1) - (Step 3) of item 9.1.

(Step 1)
If a cassette tape cannot be removed from the deck since the tape is caught by the capstan or pinch roller during playback or recording, rotate the flywheel F in the direction of the arrow to remove the tape.



(Step 2)
Force the lever upward and open the cassette lid ass'y. Take the cassette tape off.



10. Measurements and Adjustment

10.1. Cassette Deck Section

10.1.1. Measuring Instruments and Special Tools

- **Digital frequency counter**
- **EVM-AC (AC Electronic voltmeter)**
- **Test tape / QZZCFM : Head azimuth adjustment / QZZCWAT : Tape speed adjustment / QZZCRA : Normal reference blank tape / QZZCRX : CrO2 tape**

10.1.2. Head Azimuth Adjustment / (Deck 1/2)

Caution:

- **Please replace both azimuth adjustment screws (RHE5152ZB) and springs (RMB0331) simultaneously when readjusting the head**

azimuth. (Shown in Fig.1). / Even if you wish to readjust the head azimuthwithout replacing the screws and springs, a fine adjustment cannot be done because of the screw-locking bond adhered to the azimuth screw and spring.

- Please remove the screw-locking bond left on the head base when replacing the azimuth screw.
- If you wish to readjust the head azimuth, be sure to adjust with adhering the cassette tape closely to the mechanism by pushing the center of cassette tape with your finger. (shown in Fig.2)

1. Connect the measuring instrument as shown in Fig.3 .
2. Playback the azimuth adjustment portion (8kHz, -20dB) of test tape (QZZCFM). Adjust the azimuth adjusting screw until the outputs of the L/R-ch are maximized. (Refer to Fig.4) / Make surethat the difference in the peak level between the left and right channels does not exceed 0.5dB.
3. Perform the same adjustment in reverse playback mode. / Checking of the level difference forward and reverse directions
4. Playback the playback gain adjustment portion (315Hz, 0dB) of test tape (QZZCFM). Check if level difference between forward and reverse direction is within 1.5dB.
5. After the adjustment, apply screwlock to the azimuth adjusting screw.

Fig.1

(RHE5152ZB)

(RMB0331)

Fig.2

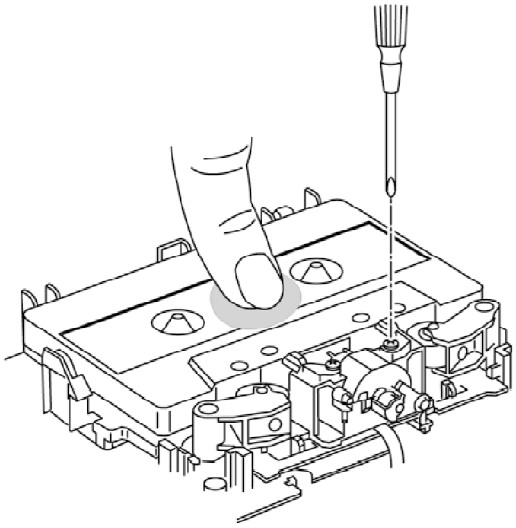


Fig.3

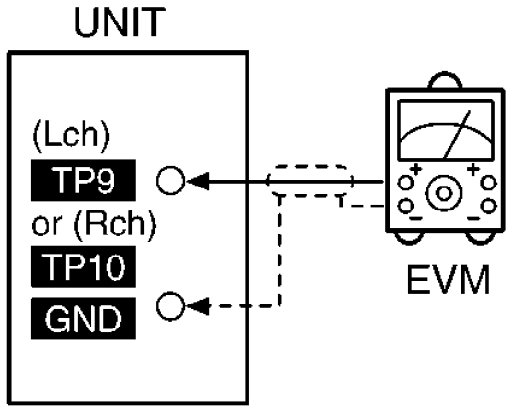
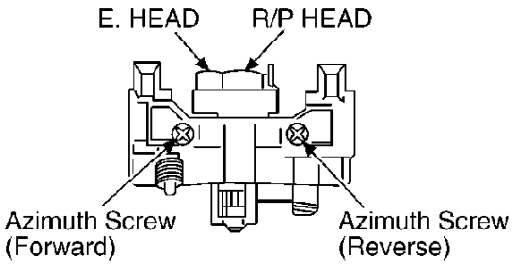


Fig.4



10.1.3. Tape Speed Adjustment (Deck 1/2)

1. **Insert the test tape (QZZCWAT) to Deck 2 and playback (FWD side) the middle portion of it.**
2. **Adjust motor VR (Deck 2) for the output value shown below. / Adjustment target : 2940 - 3060Hz (NORMAL speed)**
3. **After alignment, assure that the output frequency of the DECK2 REV and DECK1 FWD are within ±45Hz and ±60Hz respectively of**

the value of the output frequency of DECK2 FWD.

Fig.5

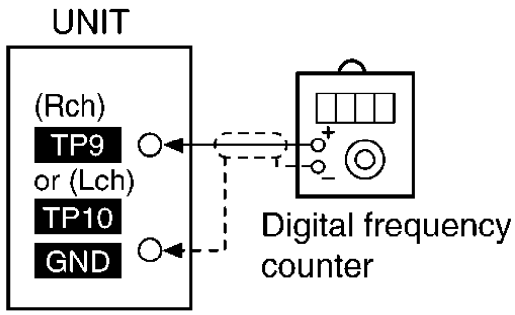
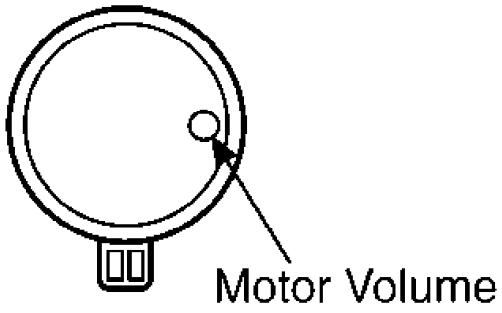


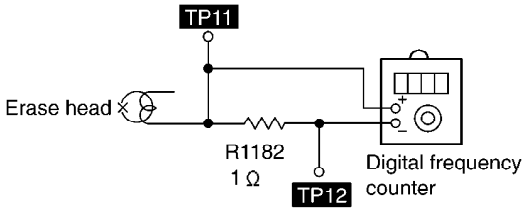
Fig.6



10.1.4. Bias OSC Frequency Adjustment / (Deck 2)

1. **Set the unit to “AUX” position.**
2. **Insert the Normal blank tape (QZZCRA) into DECK2 and set the unit to “REC” mode (use “ ●REC/STOP” key).**
3. **Adjust L1201 so that the output freguency is within the standard value. / Standard value : 98±8kHz**

Fig.7



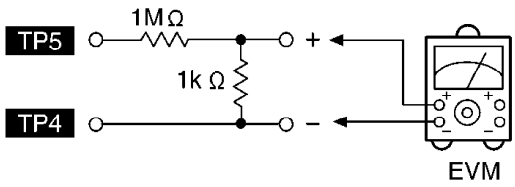
10.1.5. Bias Voltage Check

1. **Set the unit to “AUX” position.**
2. **Insert the Normal blank tape (QZZCRA) into DECK2 and set the unit to “REC” mode (use “ ●REC/STOP” key).**
3. **Measure and make sure that the output is within the standard**

value.

4. Insert the CrO2 tape (QZZCRX).
5. Repeat step 2 and 3. / Standard value (Normal) : 19±4mV / Standard value (CrO2) : 27 ±5mV

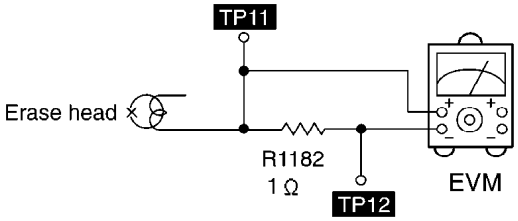
Fig.8



10.1.6. Erase Voltage Check

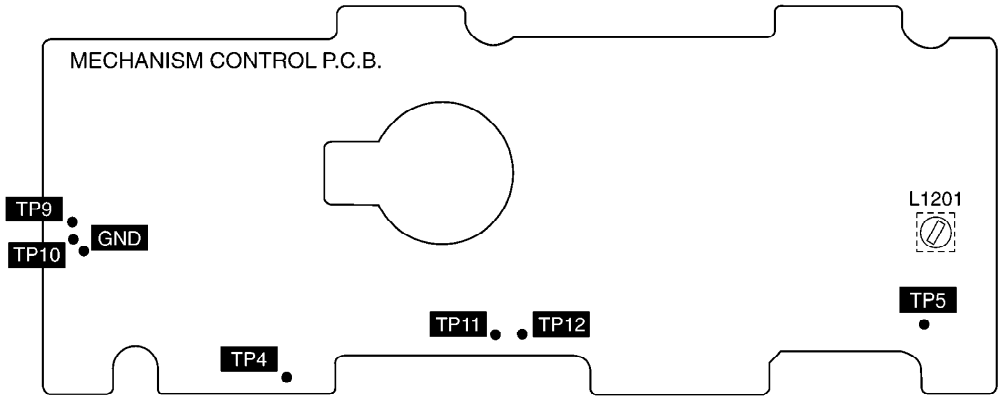
1. Set the unit to “AUX” position.
2. Insert the Normal blank tape (QZZCRA) into DECK2 and set the unit to “REC” mode (use “ ●REC/STOP” key).
3. Measure and make sure that the output is within the standard value.
4. Insert the CrO2 tape (QZZCRX).
5. Repeat step 2 and 3. / Standard value (Normal) : more than 100mV / Standard value (CrO2) : more than 150mV

Fig.9



10.1.7. Adjustment Point

Fig.10



11. Illustration of ICs, Transistors and Diodes

12. Schematic Diagram

12.1. Schematic Diagram Notes

- This schematic diagram may be modified at any time with the development of new technology.

Notes:

-S1 : Tray position 1 detect switch in OFF position

-S2 : Tray position 2 detect switch in OFF position

-S3 : Tray open detect switch in OFF position

-S4 : Clump switch in OFF position

-S5 : Bottom switch on OFF position

-S601 : Standby/on switch (⏻/I, POWER)

-S602 : ECO mode switch (ECO)

-S603 : CD/DVD select switch (CD/DVD)

-S604 : TUNER select switch (TUNER/BAND)

-S605 : TAPE1/2 select switch (TAPE/DECK1/2)

-S606 : AUX select switch (AUX)

-S608 : Timer switch (◴PLAY/ ◴REC)

-S609 : Clock/timer switch (CLOCK/TIMER)

-S611 : CINEMA mode switch (CINEMA)

-S612 : Joystick right switch (▶)

-S613 : Display select/demonstration switch / (-DISPLAY/—DEMO)

-S614 : Super woofer switch (S. WOOFER)

-S615 : 3D AI EQ switch (3D AI EQ)

-S618 : Joystic left switch (◀)

-S619 : Joystic up switch (▲)

-S620 : Joystic down switch (▼)

-S621 : CD manager switch (CD MANAGER)

-S622 : Disc1 direct play switch (CD1)

-S623 : Disc1 direct open/close switch (⏏)

-S624 : Disc2 direct play switch (CD2)

-S625 : Disc2 direct open/close switch (⏏)

-S626 : Disc3 direct play switch (CD3)

-S627 : Disc3 direct open/close switch (⏏)

-S628 : Disc4 direct play switch (CD4)

-S629 : Disc4 direct open/close switch (⏏)

-S630 : Disc5 direct play switch (CD5)

-S631 : Disc5 direct open/close switch (⏏)

-S640 : FF/SKIP, memory switch (▶▶/▶▶|, MEMORY)

-S641 : PLAY, TUNE/TIME ADJ UP switch (▶, TUNE/TIME ADJ)

-S642 : STOP, TUME MODE switch (■, TUNE MODE)

-S643 : Playback/pause, TUNE/TIME ADJ down switch / (◀/▮▮, TUNE/TIME ADJ DOWN)

-S644 : REW/R.skip, FM mode/BP switch (|◀◀/◀◀, FM MODE/BP)

-S645 : DOLBY PRO LOGIC/lower range control switch / (□□PRO LOGIC, LOW)

-S646 : Super surround/middle range control switch (SUPER SURROUND, MID)

-S647 : Simulated stereo/higher range control switch (SIMULATED ST, HIGH)

-S648 : Tri-amp control switch (TRI-AMP CONTROL)

-S649 : Jogcontrol switch (SOUND CONTROL JOG, PUSH (AV EFFECT))

-S651 : Deck2 open switch (⏏DECK2 OPEN)

-S652 : Reverse mode select switch (REV MODE)

-S653 : Recording start/stop switch (●REC/ STOP)

-S655 : Tape edit switch (TAPE EDIT)

-S656 : Deck1 open switch (⏏DECK1 OPEN)

-S951 : Deck1 mode detect switch (MODE)

-S952 : Deck1 half detect switch (HALF)

-S953 : Deck1 CrO2 tape detect switch (ATS/ CrO2)

-S971 : Deck2 mode detect switch (MODE)

-S972 : Deck2 half detect switch (HALF)

-S973 : Deck2 CrO2 tape detect switch (ATS/ CrO2)

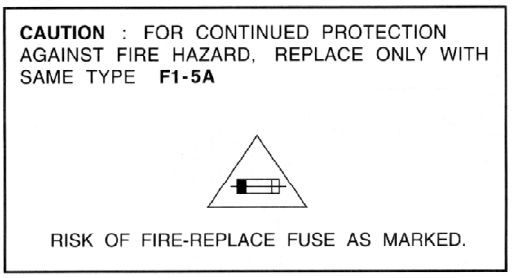
-S974 : Deck2 reverse side record prevention tab detect switch / (R.REC.INH)

-S975 : Deck2 forward side record prevention tab detect switch / (F.REC.INH)

-VR601 : Volume control (VOLUME)

-VR602 : Jog control (JOG)

- Indicated voltage values are the standard values for the unit meaured by the DC electronic circuit tester (high-impedance) with the chassis taken as standard. / Therefore, there may exist some error in the voltage values, depending on theinternal impedance of the DC circuit tester. / No mark ..... CD STOP / ( )..... CD playback (1kHz, L+R, 0dB) / < >..... FM / 「 」..... AM / (( ))..... DECK2 playback / 《 》..... DECK2 record
- Important safety notice: / Components identified by ⚠ mark have special characteristics important for safety. / Furthermore, special parts which have purposes of fire-retardent (resistors), high-quality sound (capacitors), low-noise (resistors),etc. are used. / When replacing any of components, be sure to use only manufacturers specified parts shown in the parts list.
- Caution! / IC and LSI are sensitive to static electricity. / Secondary trouble can be prevented by taking care during repair. / Ground the soldering iron. / Put a conductive mat on the work table. / Do not touch the legs of ICor LSI with the fingers directly.


CAUTION : FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH SAME TYPE F1-5A
RISK OF FIRE-REPLACE FUSE AS MARKED.

FUSE CAUTION

These symbols located near the fuse indicates that the fuse used is a fast operating type. For continued protection against fire harzard, replace with the same type fuse. For fuse rating, refer to the marking adjacent to the symbol.

Ce symbole indique que le fusible utilisé est à rapide. Pour une protection permanente, n' utiliser que des fusibles de même type. Ce dernier est indiqué là qù le présent symbole est apposé.

- Voltage and signal line / ⟶: Positive voltage line / ⟵: Negative voltage line / ⇨ : Audio/Front MID SP. drive signal line / ⇨ : FM signal line / ⇨ : FM OSC signal line / ➡ : AM signal line / ➡ : AM OSC signal line / ⇨ Tape playback signal line / ➡ : Tape recording signal line / ⇨ Sub woofer/frontlow SP. drive signal line / ➡ Center SP drive signal line / ⇨ Surround/front high SP. drive signal line

12.2. Schematic Diagram

13. Printed Circuit Board Diagram

14. Block Diagram

15. Wiring Connection Diagram

16. Terminal Function of ICs

16.1. IC601 (M38199MF219F): System Control and FL Driver

Pin No.	Terminal Name	I/O	Function
1	SPE IN	I	Speana signal input
2	DECK2	I	Deck2 mechanism condition input
3	DECK1	I	Deck1 mechanism condition input
3-8	KEY5-KEY1	I	Operation switch signal input
9	JOG1B	I	Volume control signal input
10	JOG1A	I	Volume control signal input
11	CRT	O	CT timer control
12	JOG2B	I	Jog control signal input
13	JOG2A	I	Jog control signal input
14	DSP RST	O	DSP reset output signal
15	DSP ACK	I	DSP acknowledge input signal
16	SENS	I	DSP sense input signal
17	ECO	O	ECO output signal
18	PCONT	O	Power control output signal
19	MECH CS	I	Mechanism control output signal
20	MECH CK	I	Mechanism control clock input signal
21	MECH SO	O	Mechanism control data output signal
22	MECH SI	I	Mechanism control data input signal
23	MECH RQ	O	Mechanism control request output signal
24	MIC SW	-	MIC detect switch
25	PHONE	O	Phone switch detect switch output signal
26 / | / 28	SER7 / | / SER5	O	Serial output signal
29	RMT	I	Remote control input signal
30 / | / 33	SER4 / | / SER1	O	Serial output signal
34	SYNC	I	AC power source detect input signal
35	RESET	I	System reset signal input

Pin No.	Terminal Name	I/O	Function
36	XC IN	I	Oscillator connection / (Sub clock : 32.768MHz)
37	XC OUT	O	Oscillator connection / (Sub clock : 32.768MHz)
38	X IN	I	Oscillator connection (Sub clock : 8.0MHz)
39	X OUT	O	Oscillator connection (Sub clock : 8.0MHz)
40	Vss	-	GND
41	MBP1	O	MPU beat proof output signal
42	MBP2	O	MPU beat proof output signal
43	SD IN	I	Tuner signal detection input signal
44	DO/ST	O	Tuner DO/ST input signal
45 / | / 56	GRD12 / | / GRD2	O	FL grid output signal
57 / | / 89	AND33 / | / AND1	O	FL segment output signal
90	REGION IN	I	Region input signal
91	Vcc	-	Power supply (+5V)
92	SPE CONT A	O	Spectrum analyzer band control output / signal
93	SPE CONT B	O	Spectrum analyzer band control output / signal
94	SPE CONT C	O	Spectrum analyzer band control output / signal
95	TPS IN	I	TPS input signal
96	DCDET	I	DC power detection input signal
97	MECHRS	O	Mechanism control reset output signal
98	-VP	-	Power supply (-30V)
99	Avss	-	GND
100	VREF	I	Reference voltage

17. Replacement Parts List

Notes:

- Important safety notice : / Component identified ⚠ mark have

special characteristics important safety. / Furthermore, special parts which have purposes of fire-retardant (resistors), hight-quality sound (capacitors), low-noise (resistors),etc. are used. / When replacing any of components, be sure to use only manufactures specified parts shown in the parts list.

- The <ODSD> mark in Remarks indicates source of supply.

- The marking (RTL) indicates thet Retention Time is Limited for this item. After the discontinuation of this assembly in production, the item will continue to be available for a specific period of item. The retention period of availability is dependenton the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will on longer be available.

- [M] indicates in the remarks columns indicates parts supplied by MESA .

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
		CABINET AND CHASSIS		
1	REE0964	FFC (PANEL TO MAIN)	1	[M]
2	REE0987	FFC (MAIN TO BE)	1	[M]
3	REEX0083	14P FFC WIRE	1	[M]
5	RGP0784J-S	FRONT PANEL	1	[M]
6	RGU1867-S	CINEMA BUTTON	1	[M]
7	RGU1855-S	DEMO BUTTON	1	[M]
8	RGU1849-Q	S. WOOFER BUTTOM	1	[M]
9	RGU1854-S	AI BUTTON	1	[M]
10	RGU1851B-S	CONTROL BUTTON	1	[M]
11	RGL0487-Q	LIGHTING CHIP	1	[M]
12	RGU1845-S	POWER BUTTON	1	[M]
13	RGK1234B-K	EQ SHEET	1	[M]
14	RGL0489-Q	CLOCK LIGHT	1	[M]
15	RGU1853-S	CLOCK BUTTON	1	[M]
16	RGU1852-S	DECK BUTTON	1	[M]
17	RKF0585-K	CASS. HOLDER (L)	1	[M]
18	RKF0586-K	CASS. HOLDER (R)	1	[M]
19	RKF0604-S	CASSETTE LID (L)	1	[M]
20	RKF0605-S	CASSETTE LID (R)	1	[M]
21	RKW0601-Q	CASSETTE WINODW (L)	1	[M]
22	RKW0602-Q	CASSETTE WINDOW (R)	1	[M]
23	RXG0049	DAMPER GEAR UNIT	2	[M]
24	RMB0474	CASS. OPEN SPRING	2	[M]
25	RKW0603-V	FL WINDOW	1	[M]
26	RUS757ZAA	CASSETTE HALF SPRING	4	[M]
27	RGK1233-Q	JOG ORNAMENT 1	1	[M]
28	RGK1240-Q	JOG ORNAMENT 2	1	[M]
29	RGK1238-S	JOG SHEET	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
30	RGU1848B-Q	FUNCTION BUTTON	1	[M]
31	RYQ0289-S	JOY UNIT	1	[M]
32	RMKX0036A	BOTTOM CHASSIS	1	[M]
33	RMKX0038A	CD CHASSIS	1	[M]
34	SHE187-4	SPACER (TRANS)	2	[M]
36	RMN0578	REGULATOR PCB HOLDER	1	[M]
37	REM0072-3	FAN	1	[M]
38	RGR0297C-C	REAR PANEL	1	[M]
39	RGK1255-Q	LED COVER	1	[M]
40	RMNX0029A-H4	SUB-TRANS HOLDER	1	[M]
41	RKMX0045C-S	TOP CABINET (BENT)	1	[M]
42	RYQ0290-S	JOG CYLINDER UNIT	1	[M]
43	RGK1253-S	CD LID	1	[M]
44	RGW0330A-S	VOLUME KNOB	1	[M]
45	RGU1850-Q	DPL BUTTON	1	[M]
46	RGU1846A-S	DISC BUTTON	1	[M]
47	RGL0486-Q	DISC LIGHTING CHIP	1	[M]
48	RGB0113-N	PANA BADGE	1	[M]
49	RHD30002-H	SCREW	6	[M]
50	RMN0576-1	FL HOLDER	1	[M]
51	RMR0502	PCB SPACER	1	[M]
52	RMN0577	JOG CYLINDER BASE	1	[M]
53	RSC0556	REGULATOR SHIELD	1	[M]
54	RKA0072-KJ	LEG CUSHION	2	[M]
55	RXXX0018	HEAT SINK UNIT	1	[M]
57	XTW3+15T	SCREW	4	[M]
58	XTB3+10JFZ	SCREW	7	[M]
59	XTBS3+8JFZ1	SCREW	25	[M]
60	XTBS26+10J	SCREW	21	[M]
61	XTB3+20J	SCREW	2	[M]
62	XTW3+12T	SCREW	4	[M]
63	REX1012	WIRE ASS'Y	1	[M]
64	RYQ0338-S	REFRECTION PLATE	1	[M]
65	RGK1254-Q	CD LID ORNAMENT	1	[M]
66	RGL0501-Q	CINEMA LIGHTING CHIP	1	[M]
67	REE0988	FFC (MAIN TO BE)	1	[M]
68	REE0989	FFC (BE TO FE)	1	[M]
69	REE0990	FFC (BE TO FE)	1	[M]
70	RSC0568	SHIELD PLATE	1	[M]
77	SHR415	PLASTIC RIVET	1	[M]
80	RMY0241	SUB HEAT SINK	1	[M]
81	RHD30078	SCREW	3	[M]
101	RED0050	R/P HEAD BLOCK UNIT	1	[M]
101-1	RHE5152ZB	SCREW	2	[M]
102	RED0051	P/B HEAD BLOCK UNIT	1	[M]
102-1	RHE5152ZB	SCREW	2	[M]
103	RDG0300	REEL BASE GEAR	4	[M]
104	RDG0301	WINDING RELAY GEAR	2	[M]
105	RDK0026	MAIN GEAR	2	[M]
106	RDR0029	RELAY PULLEY	1	[M]
107	RDV0033-4	WINDING BELT	2	[M]
108	RDV0034-1	CAPSTAN BELT 'A'	1	[M]
109	RDV0057	MAIN BELT B	1	[M]
110	RMB0312	TRIGGER LEVER SPRING	2	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
111	RMB0400	REEL SPRING	4	[M]
112	RMB0403	HEAB PANEL SPRING	2	[M]
113	RMB0404	BRAKE ROD SPRING	2	[M]
114	RMB0406	FR LEVER SP	2	[M]
115	RMB0408	THRUST SPRING	2	[M]
116	RML0370	TRIGGER LEVER	2	[M]
117	RML0371	FR LEVER	2	[M]
118	RML0372	WINDING LEVER	2	[M]
119	RML0374	EJECT LEVER	2	[M]
120	RMM0131	BRAKE ROD	2	[M]
121	RMM0133-1	EJECT ROD	2	[M]
122	RMQ0519	REEL HUB	4	[M]
123	RMS0398-1	MOVING CORE	2	[M]
124	RSJ0003	PLUNGER	2	[M]
125	RMC0061	PACK SPRING	2	[M]
126	RXF0061	FLYWHEEL 'F' ASS'Y	2	[M]
127	RXF0062	FLYWHEEL 'R' ASS'Y	2	[M]
128	RXG0040	FF RELAY GEAR ASS'Y	2	[M]
129	RMK0283A-J	SUB CHASSIS	1	[M]
130	RXL0124	PINCH ROLLER 'F' ASS	2	[M]
130-1	RMB0401	PINCH ARM SPRING 'F'	2	[M]
131	RXL0125	PINCH ROLLER 'R' ASS	2	[M]
131-1	RMB0402	PINCH ARM SPRING 'R'	2	[M]
132	RXL0126	WINDING ARM ASS'Y	2	[M]
133	RXQ0412	HEAD PANEL ASS'Y	2	[M]
133-1	RMB0405	FR ROD SPRING	2	[M]
133-2	RMM0132	FR ROD	2	[M]
134	REM0088	CAP MOTOR ASS'Y	1	[M]
135	RHD26022	MOTOR SCREW	2	[M]
136	XTW2+5L	HEAD BLOCK UNIT SCRE	4	[M]
137	XTW26+10S	SUB-CHASSIS SCREW	6	[M]
138	XYC2+JF17	PCB EARTH SCREW	2	[M]
139	RFKJXED70-K	CHASSIS ASS'Y	1	[M]
301	RML0517	TIMING LEVER	1	[M]
302	RML0516	PLUNGER LEVER	1	[M]
303	RMB0551	UPPER SPINDLE SPRING	1	[M]
304	RMQ0744	LOWER HOOK	1	[M]
305	RDV0056	BELT	1	[M]
306	RML0525	FRONT LOCK	1	[M]
307	RML0526	DISC LEVER	1	[M]
308	RDG0424	DRIVE GEAR	1	[M]
309	RDG0425	CHANGE GEAR	1	[M]
310	RDG0427	TRV CAM GEAR	1	[M]
311	RDG0428	TRV RELAY GEAR	1	[M]
312	RDG0426	UP/DOWN GEAR	1	[M]
313	RDG0429	PULLEY GEAR	1	[M]
314	RMB0549-1	CHANGR GEAR SPRING	1	[M]
315	RMQ0748	PITCH PLATE	1	[M]
316	RMB0553	PUSH SPRING	1	[M]
317	RML0530	ASSIST LEVER	1	[M]
318	RML0518	CONNECTION LEVER	1	[M]
319	RMM0201	SLIDE PLATE 1	1	[M]
320	RME0258	REAR LOCK SPRING	1	[M]
321	RML0521	REAR LOCK LEVER	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
322	RME0257	TRAY LOCK LEVER SPRI	1	[M]
323	RML0520	TRAY LOCK	1	[M]
324	RMM0202	SLIDE PLATE 2	1	[M]
325	XTB3+10J	SCREW	6	[M]
326	RMR1302-W	FIXED PLATE	1	[M]
327	RMR1301-K	CLAMPER	1	[M]
328	RMB0561	ASSIST LEVER SPRING	1	[M]
329	RMR1121-K	MECHA COVER	1	[M]
330	RMA1110-2	TRAY ANGLE	1	[M]
331	RMR1122-H1	TRAYBASE	1	[M]
332	RMM0204	CARRIER	1	[M]
333	RMM0203	DRIVE RACK	1	[M]
334	RDG0432	SPEED UP GEAR	1	[M]
335	RML0524	SLIDE LOCK	1	[M]
336	RML0523	CARRIER LOCK	1	[M]
337	RME0260-1	SLIDE LOCK SPRING	1	[M]
338	RMR1123-H	TRAY	1	[M]
339	RXQ0595	MOTOR ASS'Y	1	[M]
341	RSJ0003	SOLENOLD ASS'Y	1	[M]
344	RML0519	8CD LEVER	1	[M]
345	RFKNAAK27GCS	MECHA BASE ASS'Y	1	[M]
346	RML0522	TURNING STOPPER	1	[M]
347	RMQ0745	LOWER SPINDLE	1	[M]
348	RMQ0746	UP/DOWN BASE	1	[M]
349	RMB0550	LOWER SPINDLE	1	[M]
350	RMQ0747	UPPER HOOK	1	[M]
351	RME0263	CLICK SPRING	1	[M]
352	RMB0552	CUSHION SPRING	1	[M]
353	RMQ0743	SPINDLE SHAFT	1	[M]
354	RDG0430	RELAY GEAR 'A'	1	[M]
355	RDG0431	RELAY GEAR 'B'	1	[M]
356	RME0262	DISK LEVER SP.	1	[M]
357	RMA1105	SUPPORT PLATE	1	[M]
358	VMT0994	RUBBER CUSHION	1	[M]
359	VHD1223	FLOATING SCREW	3	[M]
361	XTV2+5G	PCB SCREW	3	[M]
363	RSC0572	GROUND TAPE	1	[M]
364	RMN0618	GROUND HOLDER	1	[M]
369	RMX0141	PUSH SPACER	1	[M]
370	RMQ0749	UPPER SPINDLE	1	[M]
371	RHM0001	MAGNET	1	[M]
372	RMX0140	DISC SPACER	5	[M]
373	RME0261	FRONT LOCK SPRING	1	[M]
374	RMQ0742	SPINDLE BASE	1	[M]
375	RMA1333	PB ANGLE	1	MN
376	RMC0387	SUPPORT SPRING	1	[M]
377	RMA1003	BACK YOKE	1	[M]
378	XTV2+6G	PCB SCREW	5	[M]
379	XTW3+10T	SCREW	4	[M]
401	VWJ1388	SPINDLE FFC	1	
402	BML3E4CRU	SPINDLE MOTOR	1	
403	VEM0720	SPINDLE MOTOR UNIT	1	
404	VMB3278	TILT SPRING	2	
405	VMC1487	SUB-SHAFT SPRING	1	

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
406	VMC1606	SPRING HOLDER 1	1	
407	VMC1607	SPRING HOLDER 2	1	
409	VMG1166	FLOATING RUBBER	3	
410	VMK0502	TRAVERSE CHASSIS	1	
411	VMS6471	GUIDE SHAFT 1	1	
412	VMS6472	GUIDE SHAFT 2	1	
413	VED0402-1	OPTICAL PICK-UP	1	⚠
414	VMC1491	SUB-SHAFT PRELOAD	1	
415	VMC1490	SCREW NUT	1	
416	VMD3260	NUT	1	
417	VHD1224	SCREW	5	
418	VHD1358	SCREW	3	
419	VHD1057	SCREW	1	
420	XQNQC17+3	SCREW	1	
421	XXE26C6FN	SCREW	3	
		INTEGRATED CIRCUITS		
IC1	TA7291P	IC DRIVE	1	[M]
IC201	NJU7313AMT2	IC	1	[M]
IC202	M5218AFPE3	IC	1	[M]
IC203	M5218AP	IC BUFFER AMP	1	[M]
IC204	BU4066BCF-E2	IC ANALOG SW	1	[M]
IC301	M5228FPE1	IC QUAD OP AMP	1	[M]
IC302	M5218AFPE3	IC	1	[M]
IC303	BU4066BCF-E2	IC ANALOG SW	1	[M]
IC401	M38037M8116F	IC DSP CONNECTOR	1	[M]
IC451	M38504M6209F	IC MECHA CONNECTOR	1	[M]
IC501	RSN311W64A-P	IC HIC	1	[M] ⚠
IC502	RSN35H1	IC HIC	1	[M] ⚠
IC503	STK470-050	IC HIC	1	[M] ⚠
IC601	M38199MF219F	IC OPE-CON	1	[M]
IC602	M62457FPE1	IC SPEANA	1	[M]
IC603	BU2090AF-E2	IC I/O EXPANDER	1	[M]
IC604	BU2090AF-E2	IC I/O EXPANDER	1	[M]
IC702	PQ1CZ31H2ZP	IC DC-DC CON	1	[M]
IC703	LM2940T5M	IC REGULATOR	1	[M] ⚠
IC704	M5218AFPE3	IC	1	[M]
IC705	M5228FPE1	IC QUAD OP AMP	1	[M]
IC706	M5218AFPE3	IC	1	[M]
IC801	TC9496F-012A	IC DSP	1	[M]
IC802	TC9496F-016	IC DSP	1	[M]
IC951	0N2180RLC1	IC PHOTO INTERUPTOR	1	[M]
IC971	0N2180RLC1	IC PHOTO INTERUPTOR	1	[M]
IC1101	M51167AFP-TB	IC R/P	1	[M]
IC1102	BA7755A	IC SW	1	[M]
IC1105	BU2090AF-E2	IC I/O EXPANDER	1	[M]
IC2001	MN67706EA	IC	1	[M]
IC2002	TC7WU04FUT2L	IC 3 INVERTER	1	[M]
IC2501	AN8480NSB-E1	IC DRIVER	1	[M]
IC2511	BA5983FM-E2	IC CDROM DRIVER	1	[M]
IC3001	MN677532JA	IC AVDEC	1	[M]
IC3002	PQ018EZ01ZP	IC REGULATOR	1	[M] ⚠

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
IC3003	TC4W66FUTL	IC ANALOG SWITCH	1	[M]
IC3061	M56V16160D8	IC S-DRAM	1	[M]
IC3091	PQ1R33	IC REGULATOR	1	[M] ⚠
IC3501	BA7665FS-E2	IC VIDEO AMP	1	[M]
IC4202	PCM1600Y1T2	IC 6CH A-DAC	1	[M]
IC4203	MM1385ENRE	IC REGULATOR	1	[M]
IC5201	AN8707FH	IC FEP	1	[M]
IC6001	TC74HCT7007A	IC 3V-5V LEVEL SHIFT	1	[M]
IC6201	MN102H55GFB	IC MICRO P	1	[M]
IC6251	UPC29M33T	IC 3.3V REGULATOR	1	[M] ⚠
IC6301	PST596JNR	IC RST	1	[M]
IC6302	VUB80110513	IC 4M FLASH ROM	1	
IC6303	AT25020NSI27	IC EEPROM 4K	1	[M]
IC6501	BU2285FV-E2	IC CLOCK GENERATOR	1	[M]
IC6521	AHC1GU04HDCK	IC INVERTER	1	[M]
IC6551	MM1385ENRE	IC REGULATOR	1	[M]
IC7001	MN103S13BGA	IC ODC	1	[M]
		TRANSISTORS		
Q1	RVTDTC143EST	TRANSISTOR	1	[M]
Q201	IMX9T110	TRANSISTOR	1	[M]
Q202	2SA1037AKSTX	TRANSISTOR	1	[M]
Q203	2SA1037AKSTX	TRANSISTOR	1	[M]
Q204	IMX9T110	TRANSISTOR	1	[M]
Q301	IMX9T110	TRANSISTOR	1	[M]
Q302	IMX9T110	TRANSISTOR	1	[M]
Q305	DTC114YKA146	TRANSISTOR	1	[M]
Q306	2SA1037AKSTX	TRANSISTOR	1	[M]
Q307	2SD2144STA	TRANSISTOR	1	[M]
Q351	KTA12710YTA	TRANSISTOR	1	[M]
Q352	2SC2412KT96R	TRANSISTOR	1	[M]
Q353	2SC2412KT96R	TRANSISTOR	1	[M]
Q354	2SC2412KT96R	TRANSISTOR	1	[M]
Q371	2SA1037AKSTX	TRANSISTOR	1	[M]
Q372	2SC2412KT96R	TRANSISTOR	1	[M]
Q373	2SC2412KT96R	TRANSISTOR	1	[M]
Q374	DTC114TKA146	TRANSISTOR	1	[M]
Q375	2SA1037AKSTX	TRANSISTOR	1	[M]
Q381	2SB1417PQTA	TRANSISTOR	1	[M] ⚠
Q382	2SC2412KT96R	TRANSISTOR	1	[M] ⚠
Q383	2SB621ARSTA	TRANSISTOR	1	[M] ⚠
Q384	2SC2412KT96R	TRANSISTOR	1	[M] ⚠
Q385	DTA114EKA146	TRANSISTOR	1	[M]
Q451	2SB621ARSTA	TRANSISTOR	1	[M]
Q452	DTC114YKA146	TRANSISTOR	1	[M]
Q501	KTC3199GRTA	TRANSISTOR	1	[M]
Q502	KTC3199GRTA	TRANSISTOR	1	[M]
Q503	KTC3199GRTA	TRANSISTOR	1	[M]
Q504	KTC3199GRTA	TRANSISTOR	1	[M]
Q505	KTC3199GRTA	TRANSISTOR	1	[M]
Q506	KRA102MTA	TRANSISTOR	1	[M]
Q580	2SB621ARSTA	TRANSISTOR	1	[M] ⚠

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
Q591	KTC3199GRTA	TRANSISTOR	1	[M]
Q592	2SC3940AQSTA	TRANSISTOR	1	[M] ⚠
Q594	KRC102MTA	TRANSISTOR	1	[M]
Q601	RVTDTC124EST	TRANSISTOR	1	[M]
Q602	KRC102MTA	TRANSISTOR	1	[M]
Q603	KRC102MTA	TRANSISTOR	1	[M]
Q608	2SB621ARSTA	TRANSISTOR	1	[M]
Q609	KRC102MTA	TRANSISTOR	1	[M]
Q610	2SA933SSTA	TRANSISTOR	1	[M]
Q701	DTA114EKA146	TRANSISTOR	1	[M]
Q702	DTC114YKA146	TRANSISTOR	1	[M]
Q703	2SB1566E	TRANSISTOR	1	[M] ⚠
Q704	2SC2412KT96R	TRANSISTOR	1	[M]
Q705	2SA1037AKSTX	TRANSISTOR	1	[M]
Q706	DTC114YKA146	TRANSISTOR	1	[M]
Q708	2SB1566E	TRANSISTOR	1	[M]
Q709	2SD2114K1V	TRANSISTOR	1	[M]
Q710	2SB621ARSTA	TRANSISTOR	1	[M]
Q711	2SC2412KT96R	TRANSISTOR	1	[M]
Q712	2SB621ARSTA	TRANSISTOR	1	[M]
Q713	2SC2412KT96R	TRANSISTOR	1	[M]
Q714	DTA114EKA146	TRANSISTOR	1	[M]
Q715	DTC114YKA146	TRANSISTOR	1	[M]
Q716	IMX9T110	TRANSISTOR	1	[M]
Q717	IMX9T110	TRANSISTOR	1	[M]
Q718	IMX9T110	TRANSISTOR	1	[M]
Q801	IMX9T110	TRANSISTOR	1	[M]
Q802	2SD2114K1V	TRANSISTOR	1	[M]
Q803	IMX9T110	TRANSISTOR	1	[M]
Q804	2SD2114K1V	TRANSISTOR	1	[M]
Q1101	2SJ498CDTA	TRANSISTOR	1	[M]
Q1102	2SJ498CDTA	TRANSISTOR	1	[M]
Q1103	2SJ498CDTA	TRANSISTOR	1	[M]
Q1104	2SJ498CDTA	TRANSISTOR	1	[M]
Q1107	DTC144TKA146	TRANSISTOR	1	[M]
Q1108	DTC144TKA146	TRANSISTOR	1	[M]
Q1115	2SD2114K1V	TRANSISTOR	1	[M]
Q1116	2SD2114K1V	TRANSISTOR	1	[M]
Q1118	2SC2412KT96R	TRANSISTOR	1	[M]
Q1119	2SC2412KT96R	TRANSISTOR	1	[M]
Q1120	2SC2412KT96R	TRANSISTOR	1	[M]
Q1121	2SC2412KT96R	TRANSISTOR	1	[M]
Q1151	DTC144TKA146	TRANSISTOR	1	[M]
Q1152	DTC144TKA146	TRANSISTOR	1	[M]
Q1153	2SC2412KT96R	TRANSISTOR	1	[M]
Q1154	2SC2412KT96R	TRANSISTOR	1	[M]
Q1171	2SD1302STA	TRANSISTOR	1	[M]
Q1173	DTC144TKA146	TRANSISTOR	1	[M]
Q1174	2SC2412KT96R	TRANSISTOR	1	[M]
Q1175	2SC2002KTA	TRANSISTOR	1	[M]
Q1176	2SC2002KTA	TRANSISTOR	1	[M]
Q1179	2SC2412KT96R	TRANSISTOR	1	[M]
Q1203	2SD965RTA	TRANSISTOR	1	[M]
Q1206	2SB621RTA	TRANSISTOR	1	[M]

[illegible]	[illegible]	[illegible]	1	[illegible]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
Q1207	2SB621RTA	TRANSISTOR	1	[M]
Q1208	DTC114TKA146	TRANSISTOR	1	[M]
Q1209	DTC114TKA146	TRANSISTOR	1	[M]
Q1218	DTA114EKA146	TRANSISTOR	1	[M]
Q1220	DTA143XKA146	TRANSISTOR	1	[M]
Q3081	2SB1218ATX	TRANSISTOR	1	[M]
Q3084	2SB1218ATX	TRANSISTOR	1	[M]
Q3501	UN5212TX	TRANSISTOR	1	[M]
Q4211	UN5212TX	TRANSISTOR	1	[M]
Q5201	2SB1115-T1	TRANSISTOR	1	[M]
Q6301	UN5212TX	TRANSISTOR	1	[M]
QR2001	UN5213TX	CHIP TRANSISTOR	1	[M]
QR5201	UN5212TX	CHIP TRANSISTOR	1	[M]
QR5231	UN2121-TX	CHIP TRANSISTOR	1	[M]
		DIODES		
D2	MTZJ4R7BTA	DIODE	1	[M]
D201	UDZSTE175R1B	DIODE	1	[M]
D202	1SS355TE17	DIODE	1	[M]
D351	DAP202KT146	DIODE	1	[M]
D371	DAP202KT146	DIODE	1	[M]
D373	1SS355TE17	DIODE	1	[M]
D381	DA204KT146	DIODE	1	[M]
D383	DA204KT146	DIODE	1	[M]
D385	RL1N4003N02	DIODE	1	[M]
D386	UDZSTE175R1B	DIODE	1	[M]
D451	RL1N4003N02	DIODE	1	[M]
D454	RL1N4003N02	DIODE	1	[M]
D456	RL1N4003N02	DIODE	1	[M]
D500	RVD1SS133TA	DIODE	1	[M]
D501	RK306LFU1	DIODE	1	[M]
D502	RK306LFU1	DIODE	1	[M]
D503	RVD1SS133TA	DIODE	1	[M]
D504	RVD1SS133TA	DIODE	1	[M]
D505	MTZJ16ATA	DIODE	1	[M]
D506	RVD1SS133TA	DIODE	1	[M]
D507	RVD1SS133TA	DIODE	1	[M]
D551	1D3E	DIODE	1	[M] ⚠
D552	1D3E	DIODE	1	[M] ⚠
D553	1D3E	DIODE	1	[M] ⚠
D554	1D3E	DIODE	1	[M] ⚠
D561	1N5402BM21	DIODE	1	[M] ⚠
D562	1N5402BM21	DIODE	1	[M] ⚠
D563	1N5402BM21	DIODE	1	[M] ⚠
D564	1N5402BM21	DIODE	1	[M] ⚠
D565	1N5402BM21	DIODE	1	[M] ⚠
D566	1N5402BM21	DIODE	1	[M] ⚠
D567	1N5402BM21	DIODE	1	[M] ⚠
D568	1N5402BM21	DIODE	1	[M] ⚠
D569	1D3E	DIODE	1	[M] ⚠
D570	1D3E	DIODE	1	[M] ⚠

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
D571	RVD1SS133TA	DIODE	1	[M]
D579	MTZJ9R1CTA	DIODE	1	[M]
D581	1D3E	DIODE	1	[M]
D582	1D3E	DIODE	1	[M]
D583	1D3E	DIODE	1	[M]
D584	1D3E	DIODE	1	[M] ⚠
D585	1D3E	DIODE	1	[M] ⚠
D586	1D3E	DIODE	1	[M] ⚠
D587	MTZJ30BTA	DIODE	1	[M] ⚠
D588	1D3E	DIODE	1	[M] ⚠
D589	1D3E	DIODE	1	[M] ⚠
D591	1D3E	DIODE	1	[M] ⚠
D592	1D3E	DIODE	1	[M] ⚠
D594	1D3E	DIODE	1	[M]
D595	MTZJ6R8ATA	DIODE	1	[M] ⚠
D601	LNJ201LPQJA	DIODE	1	[M]
D602	LNJ301MPUJAD	DIODE	1	[M]
D603	LNJ301MPUJAD	DIODE	1	[M]
D604	LNJ301MPUJAD	DIODE	1	[M]
D605	LNJ301MPUJAD	DIODE	1	[M]
D606	LNJ301MPUJAD	DIODE	1	[M]
D607	SLR325DCT31	DIODE	1	[M]
D608	SELS5923C	DIODE	1	[M]
D609	SELS5923C	DIODE	1	[M]
D583	1D3E	DIODE	1	[M]
D584	1D3E	DIODE	1	[M] ⚠
D585	1D3E	DIODE	1	[M] ⚠
D586	1D3E	DIODE	1	[M] ⚠
D587	MTZJ30BTA	DIODE	1	[M] ⚠
D588	1D3E	DIODE	1	[M] ⚠
D589	1D3E	DIODE	1	[M] ⚠
D591	1D3E	DIODE	1	[M] ⚠
D592	1D3E	DIODE	1	[M] ⚠
D594	1D3E	DIODE	1	[M]
D595	MTZJ6R8ATA	DIODE	1	[M] ⚠
D601	LNJ201LPQJA	DIODE	1	[M]
D602	LNJ301MPUJAD	DIODE	1	[M]
D603	LNJ301MPUJAD	DIODE	1	[M]
D604	LNJ301MPUJAD	DIODE	1	[M]
D605	LNJ301MPUJAD	DIODE	1	[M]
D606	LNJ301MPUJAD	DIODE	1	[M]
D607	SLR325DCT31	DIODE	1	[M]
D608	SELS5923C	DIODE	1	[M]
D609	SELS5923C	DIODE	1	[M]
D615	SLR325MCT31W	DIODE	1	[M]
D616	SLR325MCT31W	DIODE	1	[M]
D617	SLR325MCT31W	DIODE	1	[M]
D618	SLR325MCT31W	DIODE	1	[M]
D619	SLR325MCT31W	DIODE	1	[M]
D620	LNJ801TPSJAD	DIODE	1	[M]
D622	LNJ301MPUJAD	DIODE	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
D623	LNJ301MPUJAD	DIODE	1	[M]
D625	SLR325DCT31	DIODE	1	[M]
D626	SLR325DCT31	DIODE	1	[M]
D627	SLR325DCT31	DIODE	1	[M]
D628	SLR325DCT31	DIODE	1	[M]
D629	SLR325DCT31	DIODE	1	[M]
D630	LNJ301MPUJAD	DIODE	1	[M]
D631	SLR325DCT31	DIODE	1	[M]
D632	LNJ301MPUJAD	DIODE	1	[M]
D633	SLR325MCT31W	DIODE	1	[M]
D637	SLR325MCT31W	DIODE	1	[M]
D640	MA723TA	DIODE	1	[M]
D651	RVD1SS133TA	DIODE	1	[M]
D652	1SS291TA	DIODE	1	[M]
D653	1SS291TA	DIODE	1	[M]
D654	RVD1SS133TA	DIODE	1	[M]
D656	RVD1SS133TA	DIODE	1	[M]
D658	MTZJ4R7BTA	DIODE	1	[M] ⚠
D666	RVD1SS133TA	DIODE	1	[M]
D668	RVD1SS133TA	DIODE	1	[M]
D695	1SS291TA	DIODE	1	[M]
D701	RL1N4003N02	DIODE	1	[M] ⚠
D702	RL1N4003N02	DIODE	1	[M] ⚠
D703	RL1N4003N02	DIODE	1	[M] ⚠
D704	RL1N4003N02	DIODE	1	[M] ⚠
D705	DA204KT146	DIODE	1	[M]
D706	1SS355TE17	DIODE	1	[M]
D707	1SS355TE17	DIODE	1	[M]
D708	1SS355TE17	DIODE	1	[M]
D709	1SS355TE17	DIODE	1	[M]
D711	SFPB-72V	DIODE	1	[M]
D712	DA204KT146	DIODE	1	[M]
D713	1SS355TE17	DIODE	1	[M]
D714	DA204KT146	DIODE	1	[M]
D715	1SS355TE17	DIODE	1	[M]
D716	DA204KT146	DIODE	1	[M]
D718	UDZSTE177R5B	DIODE	1	[M]
D720	RL1N4003N02	DIODE	1	[M]
D727	UDZSTE179R1B	DIODE	1	[M]
D728	UDZSTE175R1B	DIODE	1	[M]
D951	MA165TA	DIODE	1	[M]
D971	MA165TA	DIODE	1	[M]
D1171	MA111TX	DIODE	1	[M]
D1172	MA8047MTX	DIODE	1	[M]
D1173	MA111TX	DIODE	1	[M]
D1174	MA8036HTX	DIODE	1	[M]
D1175	MA111TX	DIODE	1	[M]
D1201	MA111TX	DIODE	1	[M]
D1202	MA111TX	DIODE	1	[M]
D3091	MA111TX	DIODE	1	[M]
D4201	MA111TX	DIODE	1	[M]
D4202	RLBN102V-Y	DIODE	1	[M]
D5231	ERJ3GEYJ180V	18 1/16W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
D6001	MA728TX	DIODE	1	[M]
D6301	MA728TX	DIODE	1	[M]
D6551	MA111TX	DIODE	1	[M]
LB2001	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2002	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2003	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2004	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2005	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2006	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2007	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2008	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2009	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2010	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2011	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2012	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2013	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2014	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2015	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2016	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2017	ERJ3GEYJ221V	220 1/16W	1	[M]
LB2018	ERJ3GEYJ221V	220 1/16W	1	[M]
LB2019	ERJ3GEYJ221V	220 1/16W	1	[M]
LB2020	ERJ3GEYJ221V	220 1/16W	1	[M]
LB2021	ERJ3GEYJ221V	220 1/16W	1	[M]
LB2022	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2023	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2024	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2025	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2026	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2027	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2028	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2501	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2502	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2503	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2504	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2505	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2506	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2507	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2508	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2509	JALBK2HS470T	CHIP INDUCTOR	1	[M]
LB2510	JALBK2HS470T	CHIP INDUCTOR	1	[M]
LB2511	JALBK2HS470T	CHIP INDUCTOR	1	[M]
LB2512	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2513	JALBK2HS470T	CHIP INDUCTOR	1	[M]
LB2514	JALBK2HS470T	CHIP INDUCTOR	1	[M]
LB2515	JALBK2HS470T	CHIP INDUCTOR	1	[M]
LB2516	JALBK2HS470T	CHIP INDUCTOR	1	[M]
LB3501	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB3502	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB3503	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB4009	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB4010	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB4011	VLP0323A601R	CHIP INDUCTOR	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
LB4012	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB4013	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB4014	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB4015	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB4016	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB4017	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB4018	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB4019	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB4020	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB4022	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5201	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5202	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5203	JALBK2HS470T	CHIP INDUCTOR	1	[M]
LB5204	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5205	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5206	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5207	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5208	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5209	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5210	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5211	JALBK2HS470T	CHIP INDUCTOR	1	[M]
LB5212	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5213	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5214	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5215	JALBK2HS470T	CHIP INDUCTOR	1	[M]
LB5216	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5217	JALBK2HS470T	CHIP INDUCTOR	1	[M]
LB5218	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6101	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6102	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6103	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6104	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6105	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6106	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6107	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6108	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6109	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6110	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6111	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6112	VLP0157-T	CHIP L	1	[M]
LB6201	VLP0155-T	CHIP BEAD	1	[M]
LB6501	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6502	VLP0155-T	CHIP BEAD	1	[M]
LB6503	VLP0323A601R	CHIP BEAD	1	[M]
LB6504	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6505	VLP0155-T	CHIP BEAD	1	[M]
LB6506	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6507	VLP0157-T	CHIP BEAD	1	[M]
LB6521	VLP0155-T	CHIP BEAD	1	[M]
LB6522	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB7101	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB7102	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB7103	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB7104	VLP0323A601R	CHIP INDUCTOR	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
LB7105	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB7106	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB7107	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB7108	VLP0155-T	CHIP BEAD	1	[M]
LB7109	VLP0155-T	CHIP BEAD	1	[M]
LB7110	VLP0155-T	CHIP BEAD	1	[M]
LB7111	VLP0155-T	CHIP BEAD	1	[M]
LB7112	VLP0155-T	CHIP BEAD	1	[M]
LB7113	VLP0155-T	CHIP BEAD	1	[M]
LB7114	VLP0155-T	CHIP BEAD	1	[M]
LB7115	VLP0155-T	CHIP BEAD	1	[M]
LB7116	VLP0155-T	CHIP BEAD	1	[M]
LB7117	VLP0155-T	CHIP BEAD	1	[M]
		VARIABLE RESISTORS		
VR601	EVEKE2F3024B	VR VOLUME JOG	1	[M]
VR602	EVQVXD00112B	VR A1 JOG VOLUME	1	[M]
		SWITCHES		
S1	RSH1A032-U	SW PUSH	1	[M]
S2	RSH1A032-U	SW PUSH	1	[M]
S3	RSH1A005-1U	SWITCH	1	[M]
S4	RSH1A91ZA-A	SW CD	1	[M]
S5	RSP1A017-A	SW LOCK	1	[M]
S601	EVQ21405R	SW POWER	1	[M]
S602	EVQ21405R	SW ECO	1	[M]
S603	EVQ21405R	SW CD /DVD	1	[M]
S604	EVQ21405R	SW TUNER	1	[M]
S605	EVQ21405R	SW TAPE 1/2	1	[M]
S606	EVQ21405R	SW AUX	1	[M]
S608	EVQ21405R	SW PLAY/REC	1	[M]
S609	EVQ21405R	SW CLOCK/TIMER	1	[M]
S611	EVQ21405R	SW CINEMA	1	[M]
S612	EVQ11G07K	SW EQ RIGHT	1	[M]
S613	EVQ21405R	SW DISPLAY/DEMO	1	[M]
S614	EVQ21405R	SW S. WOOFER	1	[M]
S615	EVQ21405R	SW 3D AI EQ	1	[M]
S618	EVQ11G07K	SW EQ LEFT	1	[M]
S619	EVQ11G07K	SW EQ UP	1	[M]
S620	EVQ11G07K	SW EQ DOWN	1	[M]
S621	EVQ21405R	SW CD MANAGER	1	[M]
S622	EVQ11G05R	SW DISC 1	1	[M]
S623	EVQ11G05R	SW DISC 1 OPEN	1	[M]
S624	EVQ11G05R	SW DISC 2	1	[M]
S625	EVQ11G05R	SW DISC 2 OPEN	1	[M]
S626	EVQ11G05R	SW DISC 3	1	[M]
S627	EVQ11G05R	SW DISC 3 OPEN	1	[M]
S628	EVQ11G05R	SW DISC 4	1	[M]
S629	EVQ11G05R	SW DISC 4 OPEN	1	[M]
S630	EVQ11G05R	SW DISC 5	1	[M]
S631	EVQ11G05R	SW DISC 5 OPEN	1	[M]
S640	EVQ21405R	SW FF/SKIP	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
S641	EVQ21405R	SW PLAY/TUNE UP	1	[M]
S642	EVQ21405R	SW STOP	1	[M]
S643	EVQ21405R	SW TUNE DOWN	1	[M]
S644	EVQ21405R	SW REW/SKIP	1	[M]
S645	EVQ21405R	SW LOW CH	1	[M]
S646	EVQ21405R	SW MID CH	1	[M]
S647	EVQ21405R	SW HIGH CH	1	[M]
S648	EVQ21405R	SW TRI-AMP CONTROL	1	[M]
S649	EVQ21405R	SW SOUND CONTROL	1	[M]
S651	EVQ21405R	SW DECK 2 EJECT	1	[M]
S652	EVQ21405R	SW REV MODE	1	[M]
S653	EVQ21405R	SW REC/STOP	1	[M]
S655	EVQ21405R	SW TAPE EDIT	1	[M]
S656	EVQ21405R	SW DECK 1 OPEN	1	[M]
S951	RSH1A018-3U	LEAF SWITCH	1	[M]
S952	RSH1A019-2U	SW LEAF	1	[M]
S953	RSH1A019-2U	SW LEAF	1	[M]
S971	RSH1A018-3U	LEAF SWITCH	1	[M]
S972	RSH1A019-2U	SW LEAF	1	[M]
S973	RSH1A019-2U	SW LEAF	1	[M]
S974	RSH1A019-2U	SW LEAF	1	[M]
S975	RSH1A019-2U	SW LEAF	1	[M]
		CONNECTORS		
CN1	RJS1A9414	FF CONNECTOR	1	[M]
CN1	RJS1A9414-1	14P CONNECTOR	1	[M]
CN2	RJP12G17ZA	HEAD CONNECTOR	1	[M]
CN100	RJS1A5210	10P WIRE HOLDER	1	[M]
CN301	RJS2A7726	FFC CONNECTOR	1	[M]
CN351	RJP2G4YA	CONNECTOR	1	[M]
CN500	RJT029W03VT	CONNECTOR	1	[M]
CN501	RJP6G4YA	CONNECTOR	1	[M]
CN501	RJS2A7715	FFC CONNECTOR	1	[M]
CN502	RJP12G4YA	CONNECTOR	1	[M]
CN503	RJU057G10	10P P2 MQ CONNECTOR	1	[M]
CN504	RJU057G10	10P P2 MQ CONNECTOR	1	[M]
CN505	RJU057G12	12P P2 MQ CONNECTOR	1	[M]
CN506	RJP10G4YA	10P CONNECTOR	1	[M]
CN601	RJS2A8030	P1 FFC CONNECTOR ST	1	[M]
CN602A	RJT066H10F	10P B-B PLUG	1	[M]
CN602B	RJU066H10M	10 B-B	1	[M]
CN603A	RJS2A8030	P1 FFC CONNECTOR ST	1	[M]
CN700	RJP2G17ZA	CONNECTOR	1	[M]
CN703	RJT029W03VT	CONNECTOR	1	[M]
CN1201	RJS8T7ZA	8P MOLEX	1	[M]
CP201	RJT100W11	11P CONNECTOR	1	[M]
CP503	RJT057G10	10P P2 MQ CONNECTOR	1	[M]
CP504	RJT057G10	10P P2 MQ CONNECTOR	1	[M]
CP505	RJT057G12	12P P2 MQ CONNECTOR	1	[M]
CP1101	RJT071K09A	9P B/B CONNECTOR	1	[M]
CP1102	RJT071K09A	9P B/B CONNECTOR	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
CS951	RJU071H09M1	CONNECTOR	1	[M]
CS971	RJU071H09M1	CONNECTOR	1	[M]
CS1101	RJS1A6805-J	5P CONNECTOR SOCKET	1	[M]
CS1102	RJS1A6805-J	5P CONNECTOR SOCKET	1	[M]
P6251	RJS2A8212T	PH CONNECTOR	1	[M]
PS6201	VJS2961C010	10 PIN CONNECTOR	1	[M]
		COILS AND INDUCTORS		
L401	RLQB100JTD-D	INDUCTOR	1	[M]
L451	RLQB100JTD-D	INDUCTOR	1	[M]
L452	RLQB100JTD-D	INDUCTOR	1	[M]
L500	RLQZ371	LINE FILTER	1	[M] ⚠
L601	RLQA3R3JT1-Y	AXIAL COIL	1	[M]
L602	RLQA101JT1-Y	AXIAL COIL	1	[M]
L604	RLQA101JT1-Y	AXIAL COIL	1	[M]
L605	RLQA100JT1-Y	AXIAL COIL	1	[M]
L606	RLQA101JT1-Y	AXIAL COIL	1	[M]
L607	RLQA101JT1-Y	AXIAL COIL	1	[M]
L610	RLQA100JT1-Y	AXIAL COIL	1	[M]
L701	RLL500050T-Y	RF CHOKE COIL	1	[M]
L703	RLL500050T-Y	RF CHOKE COIL	1	[M]
L704	RLL500050T-Y	RF CHOKE COIL	1	[M]
L705	RLL500050T-Y	RF CHOKE COIL	1	[M]
L712	RLQX101M-T	COIL	1	[M]
L801	RLBN102V-Y	CHIP INDUCTOR	1	[M]
L803	RLBN102V-Y	CHIP INDUCTOR	1	[M]
L804	RLBN102V-Y	CHIP INDUCTOR	1	[M]
L805	RLL500050T-Y	RF CHOKE COIL	1	[M]
L806	RLBN102V-Y	CHIP INDUCTOR	1	[M]
L807	RLQB100JTD-D	INDUCTOR	1	[M]
L808	RLQB100JTD-D	INDUCTOR	1	[M]
L809	RLBN102V-Y	CHIP INDUCTOR	1	[M]
L810	RLQB100JTD-D	INDUCTOR	1	[M]
L811	RLBN102V-Y	CHIP INDUCTOR	1	[M]
L1201	RL08C002M-T	BIAS OSC COIL	1	[M]
L1202	RLQZB470KT-D	RF CHOKE COIL	1	[M]
L2001	RLQU100KT-W	CHIP COIL	1	[M]
L2002	RLQU100KT-W	CHIP COIL	1	[M]
L2003	RLQU100KT-W	CHIP COIL	1	[M]
L2501	ERJ14Y0R00H	0 1/4W	1	[M]
L3091	ELJEA100KF	CHIP INDUCTOR	1	[M]
L3501	ELJEA100KF	CHIP INDUCTOR	1	[M]
L4202	ELJEA100KF	CHIP INDUCTOR	1	[M]
L5201	RLQU100KT-W	CHIP COIL	1	[M]
L5202	RLQU100KT-W	CHIP COIL	1	[M]
L6201	RLQU100KT-W	CHIP COIL	1	[M]
L6501	ELJFC220KF	CHIP INDUCTOR	1	[M]
L6502	ELJFC220KF	CHIP INDUCTOR	1	[M]
L7001	ELJEA100KF	CHIP INDUCTOR	1	[M]
L7002	ELJEA100KF	CHIP INDUCTOR	1	[M]
		TRANSFORMERS		

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
T501	RTP2P3C001	TRANSFORMER	1	[M] ⚠
T502	RTP1H3E001	BACKUP TRANSFORMER	1	[M] ⚠
		COMPONENT COMBINATION		
Z501	ERZV10V511CS	ZENER	1	[M] ⚠
Z601	RCDGP1U28XD	REMOTE SENSOR	1	[M]
Z971	EXBF7L355SYV	RADA RESISTOR	1	[M]
Z1101	EXBF7L355SYV	RADA RESISTOR	1	[M]
Z2001	ELKE103FA	CHIP INDUCTOR	1	[M]
Z2002	ELKE103FA	CHIP INDUCTOR	1	[M]
Z2003	ELKE103FA	CHIP INDUCTOR	1	[M]
Z2004	ELKE103FA	CHIP INDUCTOR	1	[M]
Z2005	ELKE103FA	CHIP INDUCTOR	1	[M]
Z3501	ELB4D565	VIDEO FILTER	1	[M]
		RELAY		
RLY501	RSY0037M-C	RELAY	1	[M] ⚠
RLY502	RSY0040M-0	PRIMARY RELAY	1	[M] ⚠
RLY503	RSY0017M-0	RELAY	1	[M] ⚠
RLY504	RSY0048M-0	RELAY	1	[M] ⚠
RLY505	RSY0017M-0	RELAY	1	[M] ⚠
		TUNER PACK		
RAL201	RAN0004MM-1	TUNER PACK	1	[M]
		OSCILLATORS		
X401	RSXY8M00D01T	CERAMIC RESONATOR	1	[M]
X451	RSXY8M00D01T	CERAMIC RESONATOR	1	[M]
X601	RSXD32K7S02	CRYSTAL OSCILLATOR	1	[M]
X602	RSXZ8M00D01T	CERAMIC RESONATOR	1	[M]
X801	RSXZ36M8M01T	RESONATOR	1	[M]
X6501	VSX1044	CRYSTAL OSCILLATOR	1	[M]
		FL DISPLAY		
FL601	RSL0296-F	FL	1	[M]
		FILTERS		
FL6011	VLF1491S104T	CHIP FILTER	1	[M]
FL6012	VLF1491S105T	CHIP FILTER	1	[M]
FL6014	VLF1491S105T	CHIP FILTER	1	[M]
FL6015	VLF1491S105T	CHIP FILTER	1	[M]
FL6016	VLF1491S105T	CHIP FILTER	1	[M]
FL6101	VLF1491S105T	CHIP FILTER	1	[M]
FL6102	VLF1491S105T	CHIP FILTER	1	[M]
FL6103	VLF1491S105T	CHIP FILTER	1	[M]
FL7101	VLF1491S104T	CHIP FILTER	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
		FUSES		
F1	XBA1C50NBAL	FUSE	1	[M] ⚠
		FUSE HOLDERS		
FC501	EYF52BC	FUSE HOLDER	1	[M]
FC502	EYF52BC	FUSE HOLDER	1	[M]
FP2501	RJS2A5017T	6232 CONNECTOR	1	[M]
FP2513	RJS2A7520T	FMN CNNECTOR	1	[M]
FP2514	RJS2A0619T	FFC CONECTOR	1	[M]
FP3501	RJS2A7515T	FMN CNNECTOR	1	[M]
FP4201	RJS2A7526T	FMN CNNECTOR	1	[M]
FP5201	RJS2A0621T	FFC CONECTOR	1	[M]
FP6101	RJS2A7520T	FMN CNNECTOR	1	[M]
FP7101	RJS2A7519T	FMN CONNECTOR	1	[M]
		HOLDER		
H502	RJS1A5512	12P WIRE HOLDER	1	[M]
H506	RJS1A5510	WIRE HOLDER	1	[M]
H601	RMR0317	8P CABLE HOLDER	1	[M]
H602	RJS1A5506	6P WIRE HOLDER	1	[M]
H603A	RMR0317	8P CABLE HOLDER	1	[M]
H603B	RMR0317	8P CABLE HOLDER	1	[M]
H1100	RMR0319	10P CABLE HOLDER	1	[M]
		JACK		
JK201	RJH2405N	JK 4P RCA	1	[M]
JK204	RJH2110N-2	JK SUB-WOOFER	1	[M]
JK500	SJSD16-1	JK AC INLET	1	[M] ⚠
JK501	RJH5603	JK SPEAKER TERMINAL	1	[M]
JK502	RJH5603	JK SPEAKER TERMINAL	1	[M]
JK503	RJH2307N	JK PIN	1	[M]
JK603	RJJ37TK07-X	JK HP/MIC	1	[M]
JK701	RJH8203N	JK VIDEO	1	[M]
		WIRES		
W1	REEX0060	WIRE (RED)	1	[M]
W1	REZ1023-1	4 PIN WIRE	1	[M]
W2	REE0972	WIRE (VIOLET)	1	[M]
W2	REZ1024	3P WIRE	1	[M]
W500	REXX0206	2P STANDBY WIRE	1	[M]
W502	REX1003	12P WIRE UNIT	1	[M]
W503	REX1013	WIRE	1	[M]
W506	REX1004	10P WIRE UNIT	1	[M]
W601	RWJ0208155RX	WIRE 8P PANEL TO DEC	1	[M]
W602	REX0955	6P WIRE	1	[M]
W603	RWJ1108100XX	WIRE	1	[M]
W700	REX1014	WIRE UNIT	1	[M]
W1100	RWJ8010160RX	10P WIRE	1	[M]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
W1200	RWJ0102065CK	WIRE	1	[M]
		EARTH TERMINAL		
E500	SNE1004-2	EARTH TERMINAL	1	[M]
		PACKING MATERIALS		
P1	RPGX0677	PACKING CASE	1	[M]
P2	RPN1267	POLYFOAM	2	[M]
P3	RPFX0007	MIRAMAT BAG	1	[M]
		ACCESSORIES		
A1	RAK-SA962WK	REMOTE CONTROL	1	[M]
A1-1	RKK-SA958WK	R/C BATTERY COVER	1	[M]
A2	RJA0065-A	AC CORD	1	[M] ⚠
A3	RQCA0768	SURROUND SYSTEM GUID	1	[M]
A3	RQT5327-P	O/I BOOK	1	[M]
A4	RSA0006-J	FM ANTENNA	1	[M]
A5	RSA0029	AM LOOP ANTENNA	1	[M]
A6	RJL1P016B15A	VIDEO CABLE	1	[M]
		RESISTORS		
R1	ERDS2TJ102T	1K 1/4W	1	[M]
R201	ERJ6GEYJ123V	12K 1/10W	1	[M]
R202	ERJ6GEYJ123V	12K 1/10W	1	[M]
R203	ERJ6GEYJ332V	3.3K 1/10W	1	[M]
R204	ERJ6GEYJ332V	3.3K 1/10W	1	[M]
R205	ERJ6GEYJ104V	100K 1/10W	1	[M]
R206	ERJ6GEYJ104V	100K 1/10W	1	[M]
R207	ERJ6GEYJ102V	1K 1/10W	1	[M]
R208	ERJ6GEYJ102V	1K 1/10W	1	[M]
R209	ERJ6GEYJ332V	3.3K 1/10W	1	[M]
R210	ERJ6GEYJ332V	3.3K 1/10W	1	[M]
R211	ERJ6GEYJ332V	3.3K 1/10W	1	[M]
R212	ERJ6GEYJ332V	3.3K 1/10W	1	[M]
R213	ERJ6GEYJ682V	6.8K 1/10W	1	[M]
R214	ERJ6GEYJ682V	6.8K 1/10W	1	[M]
R215	ERJ6GEYJ682V	6.8K 1/10W	1	[M]
R216	ERJ6GEYJ682V	6.8K 1/10W	1	[M]
R217	ERJ6GEYJ562V	5.6K 1/10W	1	[M]
R218	ERJ6GEYJ562V	5.6K 1/10W	1	[M]
R219	ERJ6GEYJ103V	10K 1/10W	1	[M]
R220	ERJ6GEYJ103V	10K 1/10W	1	[M]
R221	ERJ6GEYJ332V	3.3K 1/10W	1	[M]
R222	ERJ6GEYJ822V	8.2K 1/10W	1	[M]
R223	ERJ6GEYJ123V	12K 1/10W	1	[M]
R224	ERJ6GEYJ123V	12K 1/10W	1	[M]
R225	ERJ6GEYJ333V	33K 1/10W	1	[M]
R226	ERJ6GEYJ333V	33K 1/10W	1	[M]
R227	ERJ6GEYJ332V	3.3K 1/10W	1	[M]
R228	ERJ6GEYJ332V	3.3K 1/10W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R229	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R230	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R231	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R232	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R233	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R234	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R235	ERJ6GEYJ221V	220 1/10W	1	[M]
R236	ERJ6GEYJ221V	220 1/10W	1	[M]
R237	ERJ6GEYJ104V	100K 1/10W	1	[M]
R238	ERJ6GEYJ104V	100K 1/10W	1	[M]
R239	ERJ6GEYJ222V	2.2K 1/10W	1	[M]
R240	ERJ6GEYJ222V	2.2K 1/10W	1	[M]
R241	ERJ6GEYJ563V	56K 1/10W	1	[M]
R242	ERJ6GEYJ563V	56K 1/10W	1	[M]
R243	ERJ6GEYJ822V	8.2K 1/10W	1	[M]
R244	ERJ6GEYJ822V	8.2K 1/10W	1	[M]
R245	ERJ6GEYJ333V	33K 1/10W	1	[M]
R246	ERJ6GEYJ333V	33K 1/10W	1	[M]
R247	ERJ6GEYJ152V	1.5K 1/10W	1	[M]
R248	ERJ6GEYJ152V	1.5K 1/10W	1	[M]
R249	ERJ6GEYJ471V	470 1/10W	1	[M]
R250	ERJ6GEYJ471V	470 1/10W	1	[M]
R251	ERJ6GEYJ100V	10 1/10W	1	[M]
R252	ERJ6GEYJ100V	10 1/10W	1	[M]
R253	ERJ6GEYJ474V	470K 1/10W	1	[M]
R254	ERJ6GEYJ474V	470K 1/10W	1	[M]
R255	ERJ6GEYJ154V	150K 1/10W	1	[M]
R256	ERJ6GEYJ102V	1K 1/10W	1	[M]
R257	ERJ6GEYJ222V	2.2K 1/10W	1	[M]
R258	ERJ6GEYJ222V	2.2K 1/10W	1	[M]
R259	ERJ6GEYJ103V	10K 1/10W	1	[M]
R260	ERJ6GEYJ103V	10K 1/10W	1	[M]
R261	ERJ6GEYJ223V	22K 1/10W	1	[M]
R262	ERJ6GEYJ223V	22K 1/10W	1	[M]
R263	ERJ6GEYJ223V	22K 1/10W	1	[M]
R264	ERJ6GEYJ223V	22K 1/10W	1	[M]
R265	ERJ6GEYJ102V	1K 1/10W	1	[M]
R266	ERJ6GEYJ102V	1K 1/10W	1	[M]
R267	ERJ6GEYJ332V	3.3K 1/10W	1	[M]
R268	ERJ6GEYJ332V	3.3K 1/10W	1	[M]
R269	ERJ6GEYJ473V	47K 1/10W	1	[M]
R270	ERJ6GEYJ473V	47K 1/10W	1	[M]
R271	ERJ6GEYJ390V	39 1/10W	1	[M]
R272	ERJ6GEYJ390V	39 1/10W	1	[M]
R273	ERJ6GEYJ390V	39 1/10W	1	[M]
R274	ERJ6GEYJ390V	39 1/10W	1	[M]
R275	ERJ6GEYJ561V	560 1/10W	1	[M]
R276	ERJ6GEYJ561V	560 1/10W	1	[M]
R277	ERJ6GEYJ123V	12K 1/10W	1	[M]
R278	ERJ6GEYJ332V	3.3K 1/10W	1	[M]
R279	ERJ6GEYJ272V	2.7K 1/10W	1	[M]
R280	ERJ6GEYJ102V	1K 1/10W	1	[M]
R281	ERJ6GEYJ103V	10K 1/10W	1	[M]
R282	ERJ6GEYJ223V	22K 1/10W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R283	ERJ6GEYJ103V	10K 1/10W	1	[M]
R284	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R286	ERJ6GEYJ223V	22K 1/10W	1	[M]
R289	ERJ6GEYJ104V	100K 1/10W	1	[M]
R290	ERJ6GEYJ223V	22K 1/10W	1	[M]
R301	ERJ6GEYJ473V	47K 1/10W	1	[M]
R302	ERJ6GEYJ473V	47K 1/10W	1	[M]
R303	ERJ6GEYJ102V	1K 1/10W	1	[M]
R304	ERJ6GEYJ102V	1K 1/10W	1	[M]
R305	ERJ6GEYJ563V	56K 1/10W	1	[M]
R306	ERJ6GEYJ563V	56K 1/10W	1	[M]
R307	ERJ6GEYJ102V	1K 1/10W	1	[M]
R308	ERJ6GEYJ102V	1K 1/10W	1	[M]
R309	ERJ6GEYJ222V	2.2K 1/10W	1	[M]
R310	ERJ6GEYJ182V	1.8K 1/10W	1	[M]
R311	ERJ6GEYJ154V	150K 1/10W	1	[M]
R312	ERJ6GEY223V	22K 1/10W	1	[M]
R313	ERJ6GEYJ102V	1K 1/10W	1	[M]
R314	ERJ6GEYJ102V	1K 1/10W	1	[M]
R315	ERJ6GEYJ563V	56K 1/10W	1	[M]
R316	ERJ6GEYJ563V	56K 1/10W	1	[M]
R317	ERJ6GEYJ102V	1K 1/10W	1	[M]
R318	ERJ6GEYJ102V	1K 1/10W	1	[M]
R319	ERJ6GEYJ103V	10K 1/10W	1	[M]
R320	ERJ6GEYJ822V	8.2K 1/10W	1	[M]
R321	ERJ6GEYJ223V	22K 1/10W	1	[M]
R322	ERJ6GEYJ223V	22K 1/10W	1	[M]
R323	ERJ6GEYJ153V	15K 1/10W	1	[M]
R324	ERJ6GEYJ393V	39K 1/10W	1	[M]
R325	ERJ6GEYJ102V	1K 1/10W	1	[M]
R326	ERJ6GEYJ563V	56K 1/10W	1	[M]
R327	ERJ6GEYJ272V	2.7K 1/10W	1	[M]
R328	ERJ6GEYJ394V	390K 1/10W	1	[M]
R329	ERJ6GEYJ473V	47K 1/10W	1	[M]
R330	ERJ6GEYJ471V	470 1/10W	1	[M]
R331	ERJ6GEYJ272V	2.7K 1/10W	1	[M]
R332	ERJ6GEYJ102V	1K 1/10W	1	[M]
R333	ERJ6GEYJ104V	100K 1/10W	1	[M]
R334	ERJ6GEYJ102V	1K 1/10W	1	[M]
R335	ERJ6GEYJ153V	15K 1/10W	1	[M]
R336	ERJ6GEYJ153V	15K 1/10W	1	[M]
R337	ERJ6GEYJ221V	220 1/10W	1	[M]
R338	ERJ6GEYJ332V	3.3K 1/10W	1	[M]
R339	ERJ6GEYJ104V	100K 1/10W	1	[M]
R340	ERJ6GEYJ222V	2.2K 1/10W	1	[M]
R351	ERJ6GEYJ103V	10K 1/10W	1	[M]
R352	ERJ6GEYJ563V	56K 1/10W	1	[M]
R353	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R354	ERJ6GEYJ824V	820K 1/10W	1	[M]
R355	ERJ6GEYJ562V	5.6K 1/10W	1	[M]
R356	ERJ6GEYJ101V	100 1/10W	1	[M]
R357	ERJ6GEYJ103V	10K 1/10W	1	[M]
R358	ERJ6GEYJ563V	56K 1/10W	1	[M]
R359	ERDS1FVJ180T	18 1/2W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R360	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R361	ERJ6GEYJ563V	56K 1/10W	1	[M]
R362	ERJ6GEYJ103V	10K 1/10W	1	[M]
R363	ERJ6GEYJ824V	820K 1/10W	1	[M]
R364	ERJ6GEYJ223V	22K 1/10W	1	[M]
R365	ERJ6GEYJ222V	2.2K 1/10W	1	[M]
R366	ERJ6GEYJ224V	220K 1/10W	1	[M]
R367	ERJ6GEYJ102V	1K 1/10W	1	[M]
R368	ERJ6GEYJ333V	33K 1/10W	1	[M]
R369	ERJ6GEYJ154V	150K 1/10W	1	[M]
R370	ERJ6GEYJ474V	470K 1/10W	1	[M]
R371	ERJ6GEYJ474V	470K 1/10W	1	[M]
R372	ERJ6GEYJ224V	220K 1/10W	1	[M]
R373	ERJ6GEYJ104V	100K 1/10W	1	[M]
R374	ERJ6GEYJ332V	3.3K 1/10W	1	[M]
R375	ERJ6GEYJ393V	39K 1/10W	1	[M]
R376	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R377	ERJ6GEYJ103V	10K 1/10W	1	[M]
R378	ERJ6GEYJ102V	1K 1/10W	1	[M]
R379	ERJ6GEYJ224V	220K 1/10W	1	[M]
R380	ERJ6GEYJ683V	68K 1/10W	1	[M]
R381	ERJ6GEYJ122V	1.2K 1/10W	1	[M]
R382	ERJ6GEYJ122V	1.2K 1/10W	1	[M]
R383	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R384	ERJ6GEYJ1R0V	1 1/10W	1	[M]
R385	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R386	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R387	ERJ6GEYJ1R0V	1 1/10W	1	[M]
R388	ERJ6GEYJ823V	82K 1/10W	1	[M]
R390	ERJ6GEYJ473V	47K 1/10W	1	[M]
R391	ERJ6GEYJ223V	22K 1/10W	1	[M]
R392	ERJ6GEYJ223V	22K 1/10W	1	[M]
R393	ERJ6GEYJ274V	270K 1/10W	1	[M]
R401	ERJ6GEYJ104V	100K 1/10W	1	[M]
R402	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R403	ERJ6GEYJ331V	330 1/10W	1	[M]
R404	ERJ6GEYJ103V	10K 1/10W	1	[M]
R406	ERJ6GEYJ103V	10K 1/10W	1	[M]
R407	ERJ6GEYJ681V	680 1/10W	1	[M]
R410	ERJ6GEYJ103V	10K 1/10W	1	[M]
R416	ERJ6GEYJ102V	1K 1/10W	1	[M]
R417	ERJ6GEYJ102V	1K 1/10W	1	[M]
R418	ERJ6GEYJ102V	1K 1/10W	1	[M]
R419	ERJ6GEYJ331V	330 1/10W	1	[M]
R420	ERJ6GEYJ102V	1K 1/10W	1	[M]
R421	ERJ6GEYJ103V	10K 1/10W	1	[M]
R422	ERJ6GEYJ102V	1K 1/10W	1	[M]
R424	ERJ6GEYJ103V	10K 1/10W	1	[M]
R425	ERJ6GEYJ102V	1K 1/10W	1	[M]
R426	ERJ6GEYJ102V	1K 1/10W	1	[M]
R427	ERJ6GEYJ102V	1K 1/10W	1	[M]
R428	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R430	ERJ6GEYJ104V	100K 1/10W	1	[M]
R431	ERJ6GEYJ102V	1K 1/10W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R432	ERJ6GEYJ152V	1.5K 1/10W	1	[M]
R439	ERJ6GEYJ104V	100K 1/10W	1	[M]
R440	ERJ6GEYJ103V	10K 1/10W	1	[M]
R441	ERJ6GEYJ103V	10K 1/10W	1	[M]
R442	ERJ6GEYJ102V	1K 1/10W	1	[M]
R443	ERJ6GEYJ102V	1K 1/10W	1	[M]
R444	ERJ6GEYJ102V	1K 1/10W	1	[M]
R446	ERJ6GEYJ103V	10K 1/10W	1	[M]
R447	ERJ6GEYJ392V	3.9K 1/10W	1	[M]
R448	ERJ6GEYJ392V	3.9K 1/10W	1	[M]
R451	ERJ6GEYJ102V	1K 1/10W	1	[M]
R452	ERJ6GEYJ103V	10K 1/10W	1	[M]
R453	ERJ6GEYJ821V	820 1/10W	1	[M]
R454	ERJ6GEYJ103V	10K 1/10W	1	[M]
R455	ERJ6GEYJ221V	220 1/10W	1	[M]
R456	ERJ6GEYJ221V	220 1/10W	1	[M]
R457	ERJ6GEYJ221V	220 1/10W	1	[M]
R458	ERJ6GEYJ221V	220 1/10W	1	[M]
R459	ERJ6GEYJ221V	220 1/10W	1	[M]
R460	ERJ6GEYJ681V	680 1/10W	1	[M]
R461	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R462	ERJ6GEYJ473V	47K 1/10W	1	[M]
R463	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R464	ERJ6GEYJ103V	10K 1/10W	1	[M]
R465	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R466	ERJ6GEYJ103V	10K 1/10W	1	[M]
R471	ERJ6GEYJ221V	220 1/10W	1	[M]
R472	ERJ6GEYJ221V	220 1/10W	1	[M]
R481	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R483	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R485	ERJ6GEYJ103V	10K 1/10W	1	[M]
R487	ERJ6GEYJ104V	100K 1/10W	1	[M]
R488	ERJ6GEYJ104V	100K 1/10W	1	[M]
R489	ERJ6GEYJ221V	220 1/10W	1	[M]
R490	ERJ6GEYJ221V	220 1/10W	1	[M]
R491	ERJ6GEYJ221V	220 1/10W	1	[M]
R492	ERJ6GEYJ221V	220 1/10W	1	[M]
R493	ERJ6GEYJ221V	220 1/10W	1	[M]
R495	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R496	ERJ6GEYJ221V	220 1/10W	1	[M]
R497	ERJ6GEYJ221V	220 1/10W	1	[M]
R500	ERC12UGK335D	3.3M 1/2W	1	[M] ⚠
R501	ERDS2TJ103T	10K 1/4W	1	[M]
R502	ERDS2TJ392T	3.9K 1/4W	1	[M]
R503	ERDS2TJ153T	15K 1/4W	1	[M]
R504	ERDS2TJ153T	15K 1/4W	1	[M]
R505	ERDS2TJ153T	15K 1/4W	1	[M]
R506	ERDS2TJ153T	15K 1/4W	1	[M]
R507	ERDS2TJ392T	3.9K 1/4W	1	[M]
R508	ERDS2TJ392T	3.9K 1/4W	1	[M]
R509	ERDS2TJ392T	3.9K 1/4W	1	[M]
R510	ERDS2TJ392T	3.9K 1/4W	1	[M]
R511	ERDS2TJ153T	15K 1/4W	1	[M]
R512	ERDS2TJ103T	10K 1/4W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R513	ERDS2TJ563T	56K 1/4W	1	[M]
R514	ERDS2TJ563T	56K 1/4W	1	[M]
R515	ERDS2TJ563T	56K 1/4W	1	[M]
R516	ERDS2TJ563T	56K 1/4W	1	[M]
R517	ERDS2TJ563T	56K 1/4W	1	[M]
R518	ERDS2TJ563T	56K 1/4W	1	[M]
R519	ERDS2TJ474T	470K 1/4W	1	[M]
R520	ERDS2TJ103T	10K 1/4W	1	[M]
R521	ERDS2TJ183T	18K 1/4W	1	[M]
R522	ERDS2TJ473T	47K 1/4W	1	[M]
R523	ERDS2TJ124T	120K 1/4W	1	[M]
R524	ERDS2TJ124T	120K 1/4W	1	[M]
R525	ERDS2TJ154T	150K 1/4W	1	[M]
R526	ERDS2TJ124T	120K 1/4W	1	[M]
R527	ERDS2TJ124T	120K 1/4W	1	[M]
R528	ERDS2TJ154T	150K 1/4W	1	[M]
R529	ERDS2TJ223T	22K 1/4W	1	[M]
R530	ERDS2TJ103T	10K 1/4W	1	[M]
R537	ERDS1FVJ100T	10 1/2W	1	[M] ⚠
R538	ERDS1FVJ100T	10 1/2W	1	[M] ⚠
R539	ERDS1FVJ100T	10 1/2W	1	[M] ⚠
R540	ERDS1FVJ100T	10 1/2W	1	[M] ⚠
R541	ERDS1FVJ100T	10 1/2W	1	[M] ⚠
R542	ERDS1FVJ100T	10 1/2W	1	[M] ⚠
R543	ERDS1FVJ560T	56 1/2W	1	[M] ⚠
R544	ERDS1FVJ560T	56 1/2W	1	[M] ⚠
R545	ERDS2TJ562T	5.6K 1/4W	1	[M]
R546	ERDS2TJ563T	56K 1/4W	1	[M]
R547	ERDS2TJ562T	5.6K 1/4W	1	[M]
R548	ERDS2TJ563T	56K 1/4W	1	[M]
R549	ERDS2TJ563T	56K 1/4W	1	[M]
R550	ERDS2TJ563T	56K 1/4W	1	[M]
R551	ERDS2TJ334T	330K 1/4W	1	[M]
R552	ERDS2TJ223T	22K 1/4W	1	[M]
R553	ERDS2TJ103T	10K 1/4W	1	[M]
R554	ERDS1FVJ272T	2.7K 1/2W	1	[M] ⚠
R555	ERDS1FVJ272T	2.7K 1/2W	1	[M] ⚠
R556	ERDS1FVJ272T	2.7K 1/2W	1	[M] ⚠
R557	ERDS2TJ104T	100K 1/4W	1	[M]
R558	ERDS2TJ124T	120K 1/4W	1	[M]
R559	ERDS1FVJ100T	10 1/2W	1	[M] ⚠
R560	ERDS1FVJ100T	10 1/2W	1	[M] ⚠
R561	ERDS2TJ223T	22K 1/4W	1	[M]
R562	ERDS2TJ390T	39 1/4W	1	[M]
R563	ERDS2TJ181T	180 1/4W	1	[M]
R564	ERDS2TJ181T	180 1/4W	1	[M]
R565	ERDS2TJ390T	39 1/4W	1	[M]
R566	ERDS2TJ390T	39 1/4W	1	[M]
R567	ERDS2TJ2R2T	2.2 1/4W	1	[M]
R568	ERDS2TJ2R2T	2.2 1/4W	1	[M]
R569	RSFMB05KT-L	FUSE PROTECTOR	1	[M] ⚠
R570	ERD2FCVG390T	39 1/4W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R571	ERDS2TJ473T	47K 1/4W	1	[M]
R572	ERDS2TJ153T	15K 1/4W	1	[M]
R573	ERDS2TJ392T	3.9K 1/4W	1	[M]
R574	ERDS2TJ154T	150K 1/4W	1	[M]
R575	ERDS2TJ154T	150K 1/4W	1	[M]
R576	ERDS2TJ222T	2.2K 1/4W	1	[M]
R578	ERDS2TJ152T	1.5K 1/4W	1	[M]
R579	ERDS2TJ332T	3.3K 1/4W	1	[M]
R582	ERDS1FVJ470T	47 1/2W	1	[M] ⚠
R583	ERDS1FVJ470T	47 1/2W	1	[M] ⚠
R585	ERDS2TJ122T	1.2K 1/4W	1	[M]
R586	ERDS2TJ152T	1.5K 1/4W	1	[M]
R588	ERDS2TJ472T	4.7K 1/4W	1	[M]
R589	ERDS2TJ151T	150 1/4W	1	[M]
R590	ERDS2TJ223T	22K 1/4W	1	[M]
R591	RSFMB40KT-L	FUSE PROTECTOR	1	[M] ⚠
R592	ERDS2TJ180T	18 1/4W	1	[M]
R593	ERDS2TJ103T	10K 1/4W	1	[M]
R594	ERDS2TJ103T	10K 1/4W	1	[M]
R595	ERDS2TJ332T	3.3K 1/4W	1	[M]
R596	ERDS2TJ151T	150 1/4W	1	[M]
R597	ERDS2TJ102T	1K 1/4W	1	[M]
R599	ERDS2TJ180T	18 1/4W	1	[M]
R601	ERDS2TJ102T	1K 1/4W	1	[M]
R602	ERDS2TJ331T	330 1/4W	1	[M]
R603	ERDS2TJ331T	330 1/4W	1	[M]
R604	ERDS2TJ331T	330 1/4W	1	[M]
R605	ERDS2TJ331T	330 1/4W	1	[M]
R606	ERDS2TJ331T	330 1/4W	1	[M]
R607	ERDS2TJ391T	390 1/4W	1	[M]
R608	ERDS2TJ681T	680 1/4W	1	[M]
R609	ERDS2TJ473T	47K 1/4W	1	[M]
R610	ERDS2TJ102T	1K 1/4W	1	[M]
R611	ERDS2TJ102T	1K 1/4W	1	[M]
R612	ERDS2TJ101T	100 1/4W	1	[M]
R613	ERDS2TJ102T	1K 1/4W	1	[M]
R614	ERDS2TJ102T	1K 1/4W	1	[M]
R615	ERDS2TJ122T	1.2K 1/4W	1	[M]
R616	ERDS2TJ182T	1.8K 1/4W	1	[M]
R617	ERDS2TJ222T	2.2K 1/4W	1	[M]
R618	ERDS2TJ272T	2.7K 1/4W	1	[M]
R619	ERDS2TJ472T	4.7K 1/4W	1	[M]
R620	ERDS2TJ682T	6.8K 1/4W	1	[M]
R621	ERDS2TJ473T	47K 1/4W	1	[M]
R622	ERDS2TJ473T	47K 1/4W	1	[M]
R623	ERDS2TJ102T	1K 1/4W	1	[M]
R624	ERDS2TJ102T	1K 1/4W	1	[M]
R625	ERDS2TJ122T	1.2K 1/4W	1	[M]
R626	ERDS2TJ182T	1.8K 1/4W	1	[M]
R627	ERDS2TJ222T	2.2K 1/4W	1	[M]
R628	ERDS2TJ272T	2.7K 1/4W	1	[M]
R629	ERDS2TJ473T	47K 1/4W	1	[M]
R630	ERDS2TJ473T	47K 1/4W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R631	ERDS2TJ221T	220 1/4W	1	[M]
R632	ERDS2TJ472T	4.7K 1/4W	1	[M]
R633	ERDS2TJ682T	6.8K 1/4W	1	[M]
R636	ERDS2TJ152T	1.5K 1/4W	1	[M]
R637	ERDS2TJ223T	22K 1/4W	1	[M]
R638	ERDS2TJ101T	100 1/4W	1	[M]
R639	ERDS2TJ101T	100 1/4W	1	[M]
R640	ERDS2TJ101T	100 1/4W	1	[M]
R641	ERDS2TJ101T	100 1/4W	1	[M]
R642	ERDS2TJ101T	100 1/4W	1	[M]
R643	ERDS2TJ103T	10K 1/4W	1	[M]
R644	ERDS2TJ103T	10K 1/4W	1	[M]
R645	ERDS2TJ103T	10K 1/4W	1	[M]
R646	ERDS2TJ103T	10K 1/4W	1	[M]
R647	ERDS2TJ103T	10K 1/4W	1	[M]
R648	ERDS2TJ224T	220K 1/4W	1	[M]
R649	ERDS2TJ473T	47K 1/4W	1	[M]
R650	ERDS2TJ223T	22K 1/4W	1	[M]
R651	ERDS2TJ102T	1K 1/4W	1	[M]
R652	ERDS2TJ103T	10K 1/4W	1	[M]
R653	ERDS2TJ106T	10M 1/4W	1	[M]
R654	ERDS2TJ334T	330K 1/4W	1	[M]
R655	ERDS2TJ331T	330 1/4W	1	[M]
R656	ERDS2TJ223T	22K 1/4W	1	[M]
R657	ERDS2TJ473T	47K 1/4W	1	[M]
R671	ERDS2TJ104T	100K 1/4W	1	[M]
R672	ERDS2TJ104T	100K 1/4W	1	[M]
R673	ERDS2TJ104T	100K 1/4W	1	[M]
R674	ERDS2TJ104T	100K 1/4W	1	[M]
R675	ERDS2TJ104T	100K 1/4W	1	[M]
R676	ERDS2TJ104T	100K 1/4W	1	[M]
R677	ERDS2TJ104T	100K 1/4W	1	[M]
R678	ERDS2TJ104T	100K 1/4W	1	[M]
R679	ERDS2TJ104T	100K 1/4W	1	[M]
R680	ERDS2TJ223T	22K 1/4W	1	[M]
R681	ERDS2TJ103T	10K 1/4W	1	[M]
R682	ERDS2TJ103T	10K 1/4W	1	[M]
R683	ERDS2TJ103T	10K 1/4W	1	[M]
R684	ERDS2TJ103T	10K 1/4W	1	[M]
R685	ERDS2TJ104T	100K 1/4W	1	[M]
R686	ERDS2TJ104T	100K 1/4W	1	[M]
R687	ERDS2TJ104T	100K 1/4W	1	[M]
R688	ERDS2TJ680T	68 1/4W	1	[M]
R689	ERDS2TJ680T	68 1/4W	1	[M]
R690	ERDS2TJ474T	470K 1/4W	1	[M]
R691	ERDS2TJ472T	4.7K 1/4W	1	[M]
R693	ERDS2TJ103T	10K 1/4W	1	[M]
R694	ERDS2TJ104T	100K 1/4W	1	[M]
R695	ERDS2TJ223T	22K 1/4W	1	[M]
R696	ERDS2TJ473T	47K 1/4W	1	[M]
R697	ERDS2TJ472T	4.7K 1/4W	1	[M]
R698	ERDS2TJ223T	22K 1/4W	1	[M]
R699	ERDS2TJ102T	1K 1/4W	1	[M]
R701	ERJ6GEYJ222V	2.2K 1/10W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R702	RSFMB40KT-L	FUSE PROTECTOR	1	[M]
R703	ERJ6GEYJ104V	100K 1/10W	1	[M]
R704	ERJ6GEYJ104V	100K 1/10W	1	[M]
R705	ERJ6GEYJ103V	10K 1/10W	1	[M]
R706	ERJ6GEYJ103V	10K 1/10W	1	[M]
R707	ERJ6GEYJ223V	22K 1/10W	1	[M]
R708	ERJ6GEYJ223V	22K 1/10W	1	[M]
R709	ERJ6GEYJ183V	18K 1/10W	1	[M]
R710	ERJ6GEYJ183V	18K 1/10W	1	[M]
R711	ERJ6GEYJ561V	560 1/10W	1	[M]
R712	ERJ6GEYJ331V	330 1/10W	1	[M]
R713	ERJ6GEYJ102V	1K 1/10W	1	[M]
R714	ERJ6GEYJ102V	1K 1/10W	1	[M]
R715	ERJ6GEYJ102V	1K 1/10W	1	[M]
R716	ERJ6GEYJ102V	1K 1/10W	1	[M]
R717	ERJ6GEYJ473V	47K 1/10W	1	[M]
R718	ERJ6GEYJ473V	47K 1/10W	1	[M]
R719	ERJ6GEYJ154V	150K 1/10W	1	[M]
R720	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R721	ERJ6GEYJ681V	680 1/10W	1	[M]
R722	ERJ6GEYJ331V	330 1/10W	1	[M]
R724	ERJ6GEYJ822V	8.2K 1/10W	1	[M]
R725	ERJ6GEYJ222V	2.2K 1/10W	1	[M]
R726	ERJ6GEYJ183V	18K 1/10W	1	[M]
R727	ERJ6GEYJ222V	2.2K 1/10W	1	[M]
R729	ERJ6GEYJ104V	100K 1/10W	1	[M]
R730	ERJ6GEYJ104V	100K 1/10W	1	[M]
R731	ERJ6GEYJ103V	10K 1/10W	1	[M]
R732	ERJ6GEYJ103V	10K 1/10W	1	[M]
R733	ERJ6GEYJ223V	22K 1/10W	1	[M]
R734	ERJ6GEYJ223V	22K 1/10W	1	[M]
R735	ERJ6GEYJ223V	22K 1/10W	1	[M]
R736	ERJ6GEYJ104V	100K 1/10W	1	[M]
R737	ERJ6GEYJ183V	18K 1/10W	1	[M]
R738	ERJ6GEYJ273V	27K 1/10W	1	[M]
R739	ERJ6GEYJ102V	1K 1/10W	1	[M]
R740	ERJ6GEYJ102V	1K 1/10W	1	[M]
R741	ERJ6GEYJ102V	1K 1/10W	1	[M]
R742	ERJ6GEYJ102V	1K 1/10W	1	[M]
R743	ERJ6GEYJ473V	47K 1/10W	1	[M]
R744	ERJ6GEYJ473V	47K 1/10W	1	[M]
R745	ERJ6GEYJ334V	330K 1/10W	1	[M]
R746	ERJ6GEYJ1R0V	1 1/10W	1	[M]
R747	ERJ6GEYJ1R0V	1 1/10W	1	[M]
R749	ERJ6GEYJ104V	100K 1/10W	1	[M]
R750	ERJ6GEYJ104V	100K 1/10W	1	[M]
R751	ERJ6GEYJ103V	10K 1/10W	1	[M]
R752	ERJ6GEYJ103V	10K 1/10W	1	[M]
R753	ERJ6GEYJ223V	22K 1/10W	1	[M]
R754	ERJ6GEYJ223V	22K 1/10W	1	[M]
R755	ERJ6GEYJ1R0V	1 1/10W	1	[M]
R756	ERJ6GEYJ1R0V	1 1/10W	1	[M]
R757	ERJ6GEYJ183V	18K 1/10W	1	[M]
R758	ERJ6GEYJ183V	18K 1/10W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R759	ERJ6GEYJ102V	1K 1/10W	1	[M]
R760	ERJ6GEYJ102V	1K 1/10W	1	[M]
R761	ERJ6GEYJ102V	1K 1/10W	1	[M]
R762	ERJ6GEYJ102V	1K 1/10W	1	[M]
R763	ERJ6GEYJ473V	47K 1/10W	1	[M]
R764	ERJ6GEYJ473V	47K 1/10W	1	[M]
R765	ERJ6GEYJ154V	150K 1/10W	1	[M]
R766	ERJ6GEYJ154V	150K 1/10W	1	[M]
R767	ERJ6GEYJ681V	680 1/10W	1	[M]
R768	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R769	ERJ6GEYJ561V	560 1/10W	1	[M]
R770	ERJ6GEYJ223V	22K 1/10W	1	[M]
R771	ERJ6GEYJ1R0V	1 1/10W	1	[M]
R772	ERJ6GEYJ1R0V	1 1/10W	1	[M]
R773	ERJ6GEYJ1R0V	1 1/10W	1	[M]
R774	ERJ6GEYJ1R0V	1 1/10W	1	[M]
R775	ERJ6GEYJ102V	1K 1/10W	1	[M]
R776	ERJ6GEYJ223V	22K 1/10W	1	[M]
R777	ERJ6GEYJ223V	22K 1/10W	1	[M]
R778	ERJ6GEYJ102V	1K 1/10W	1	[M]
R779	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R781	ERJ6GEYJ102V	1K 1/10W	1	[M]
R787	ERJ6GEYJ153V	15K 1/10W	1	[M]
R788	ERJ6GEYJ153V	15K 1/10W	1	[M]
R789	ERJ6GEYJ103V	10K 1/10W	1	[M]
R790	ERJ6GEYJ103V	10K 1/10W	1	[M]
R791	ERJ6GEYJ153V	15K 1/10W	1	[M]
R792	ERJ6GEYJ153V	15K 1/10W	1	[M]
R793	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R794	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R795	ERJ6GEYJ563V	56K 1/10W	1	[M]
R796	ERJ6GEYJ563V	56K 1/10W	1	[M]
R797	ERJ6GEYJ153V	15K 1/10W	1	[M]
R798	ERJ6GEYJ102V	1K 1/10W	1	[M]
R799	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R801	ERJ6GEYJ102V	1K 1/10W	1	[M]
R802	ERJ6GEYJ102V	1K 1/10W	1	[M]
R803	ERJ6GEYJ393V	39K 1/10W	1	[M]
R804	ERJ6GEYJ183V	18K 1/10W	1	[M]
R805	ERJ6GEYJ102V	1K 1/10W	1	[M]
R806	ERJ6GEYJ222V	2.2K 1/10W	1	[M]
R807	ERJ6GEYJ103V	10K 1/10W	1	[M]
R808	ERJ6GEYJ103V	10K 1/10W	1	[M]
R809	ERJ6GEYJ103V	10K 1/10W	1	[M]
R810	ERJ6GEYJ560V	56 1/10W	1	[M]
R811	ERJ6GEYJ104V	100K 1/10W	1	[M]
R812	ERJ6GEYJ681V	680 1/10W	1	[M]
R813	ERJ6GEYJ271V	270 1/10W	1	[M]
R814	ERJ6GEYJ271V	270 1/10W	1	[M]
R815	ERJ6GEYJ223V	22K 1/10W	1	[M]
R816	ERJ6GEYJ105V	1M 1/10W	1	[M]
R817	ERJ6GEYJ102V	1K 1/10W	1	[M]
R818	ERJ6GEYJ102V	1K 1/10W	1	[M]
R819	ERJ6GEYJ471V	470 1/10W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R820	ERJ6GEYJ471V	470 1/10W	1	[M]
R821	ERJ6GEYJ271V	270 1/10W	1	[M]
R822	ERJ6GEYJ271V	270 1/10W	1	[M]
R823	ERJ6GEYJ122V	1.2K 1/10W	1	[M]
R824	ERJ6GEYJ122V	1.2K 1/10W	1	[M]
R825	ERJ6GEYJ102V	1K 1/10W	1	[M]
R826	ERJ6GEYJ271V	270 1/10W	1	[M]
R827	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R828	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R829	ERJ6GEYJ471V	470 1/10W	1	[M]
R830	ERJ6GEYJ471V	470 1/10W	1	[M]
R831	ERJ6GEYJ470V	47 1/10W	1	[M]
R832	ERJ6GEYJ221V	220 1/10W	1	[M]
R833	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R834	ERJ6GEYJ331V	330 1/10W	1	[M]
R835	ERJ6GEYJ331V	330 1/10W	1	[M]
R836	ERJ6GEYJ331V	330 1/10W	1	[M]
R837	ERJ6GEYJ331V	330 1/10W	1	[M]
R838	ERJ6GEYJ331V	330 1/10W	1	[M]
R839	ERJ6GEYJ331V	330 1/10W	1	[M]
R840	ERJ6GEYJ103V	10K 1/10W	1	[M]
R841	ERJ6GEYJ331V	330 1/10W	1	[M]
R842	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R843	ERJ6GEYJ221V	220 1/10W	1	[M]
R844	ERJ6GEYJ331V	330 1/10W	1	[M]
R845	ERJ6GEYJ331V	330 1/10W	1	[M]
R846	ERJ6GEYJ152V	1.5K 1/10W	1	[M]
R847	ERJ6GEYJ272V	2.7K 1/10W	1	[M]
R848	ERJ6GEYJ272V	2.7K 1/10W	1	[M]
R849	ERJ6GEYJ392V	3.9K 1/10W	1	[M]
R850	ERJ6GEYJ392V	3.9K 1/10W	1	[M]
R851	ERJ6GEYJ102V	1K 1/10W	1	[M]
R852	ERJ6GEYJ102V	1K 1/10W	1	[M]
R853	ERJ6GEYJ393V	39K 1/10W	1	[M]
R854	ERJ6GEYJ183V	18K 1/10W	1	[M]
R857	ERJ6GEYJ103V	10K 1/10W	1	[M]
R858	ERJ6GEYJ103V	10K 1/10W	1	[M]
R859	ERJ6GEYJ103V	10K 1/10W	1	[M]
R860	ERJ6GEYJ560V	56 1/10W	1	[M]
R861	ERJ6GEYJ104V	100K 1/10W	1	[M]
R862	ERJ6GEYJ391V	390 1/10W	1	[M]
R863	ERJ6GEYJ561V	560 1/10W	1	[M]
R864	ERJ6GEYJ561V	560 1/10W	1	[M]
R865	ERJ6GEYJ222V	2.2K 1/10W	1	[M]
R866	ERJ6GEYJ223V	22K 1/10W	1	[M]
R867	ERJ6GEYJ561V	560 1/10W	1	[M]
R868	ERJ6GEYJ561V	560 1/10W	1	[M]
R869	ERJ6GEYJ102V	1K 1/10W	1	[M]
R870	ERJ6GEYJ102V	1K 1/10W	1	[M]
R871	ERJ6GEYJ561V	560 1/10W	1	[M]
R872	ERJ6GEYJ561V	560 1/10W	1	[M]
R873	ERJ6GEYJ331V	330 1/10W	1	[M]
R874	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R875	ERJ6GEYJ102V	1K 1/10W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R876	ERJ6GEYJ561V	560 1/10W	1	[M]
R877	ERJ6GEYJ153V	15K 1/10W	1	[M]
R878	ERJ6GEYJ153V	15K 1/10W	1	[M]
R881	ERJ6GEYJ101V	100 1/10W	1	[M]
R882	ERJ6GEYJ105V	1M 1/10W	1	[M]
R883	ERJ6GEYJ472V	4.7K 1/10W	1	[M]
R884	ERJ6GEYJ331V	330 1/10W	1	[M]
R885	ERJ6GEYJ331V	330 1/10W	1	[M]
R888	ERJ6GEYJ331V	330 1/10W	1	[M]
R889	ERJ6GEYJ331V	330 1/10W	1	[M]
R890	ERJ6GEYJ103V	10K 1/10W	1	[M]
R901	ERDS2TJ101T	100 1/4W	1	[M]
R902	ERDS2TJ101T	100 1/4W	1	[M]
R903	ERDS2TJ101T	100 1/4W	1	[M]
R904	ERDS2TJ101T	100 1/4W	1	[M]
R905	ERDS2TJ101T	100 1/4W	1	[M]
R906	ERDS2TJ101T	100 1/4W	1	[M]
R907	ERDS2TJ101T	100 1/4W	1	[M]
R908	ERDS2TJ101T	100 1/4W	1	[M]
R909	ERDS2TJ101T	100 1/4W	1	[M]
R910	ERDS2TJ103T	10K 1/4W	1	[M]
R911	ERDS2TJ101T	100 1/4W	1	[M]
R912	ERDS2TJ101T	100 1/4W	1	[M]
R913	ERDS2TJ101T	100 1/4W	1	[M]
R914	ERDS2TJ101T	100 1/4W	1	[M]
R915	ERDS2TJ221T	220 1/4W	1	[M]
R916	ERDS2TJ221T	220 1/4W	1	[M]
R917	ERDS2TJ101T	100 1/4W	1	[M]
R918	ERDS2TJ221T	220 1/4W	1	[M]
R921	ERDS2TJ102T	1K 1/4W	1	[M]
R922	ERDS2TJ102T	1K 1/4W	1	[M]
R923	ERDS2TJ122T	1.2K 1/4W	1	[M]
R924	ERDS2TJ182T	1.8K 1/4W	1	[M]
R925	ERDS2TJ222T	2.2K 1/4W	1	[M]
R926	ERDS2TJ272T	2.7K 1/4W	1	[M]
R927	ERDS2TJ472T	4.7K 1/4W	1	[M]
R928	ERDS2TJ682T	6.8K 1/4W	1	[M]
R929	ERDS2TJ103T	10K 1/4W	1	[M]
R930	ERDS2TJ223T	22K 1/4W	1	[M]
R932	ERDS2TJ331T	330 1/4W	1	[M]
R933	ERDS2TJ331T	330 1/4W	1	[M]
R934	ERDS2TJ331T	330 1/4W	1	[M]
R935	ERDS2TJ331T	330 1/4W	1	[M]
R936	ERDS2TJ331T	330 1/4W	1	[M]
R942	ERDS2TJ681T	680 1/4W	1	[M]
R945	ERDS2TJ102T	1K 1/4W	1	[M]
R946	ERDS2TJ102T	1K 1/4W	1	[M]
R948	ERDS2TJ331T	330 1/4W	1	[M]
R949	ERDS2TJ331T	330 1/4W	1	[M]
R950	ERDS2TJ331T	330 1/4W	1	[M]
R951	ERDS2TJ331T	330 1/4W	1	[M]
R952	ERDS2TJ271T	270 1/4W	1	[M]
R952	ERDS2TJ821T	820 1/4W	1	[M]
R953	ERDS2TJ271T	270 1/4W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R953	ERDS2TJ393T	39K 1/4W	1	[M]
R954	ERDS2TJ271T	270 1/4W	1	[M]
R955	ERDS2TJ271T	270 1/4W	1	[M]
R956	ERDS2TJ271T	270 1/4W	1	[M]
R957	ERDS2TJ271T	270 1/4W	1	[M]
R958	ERDS2TJ101T	100 1/4W	1	[M]
R959	ERDS2TJ331T	330 1/4W	1	[M]
R960	ERDS2TJ102T	1K 1/4W	1	[M]
R961	ERDS2TJ102T	1K 1/4W	1	[M]
R962	ERDS2TJ122T	1.2K 1/4W	1	[M]
R963	ERDS2TJ182T	1.8K 1/4W	1	[M]
R964	ERDS2TJ222T	2.2K 1/4W	1	[M]
R965	ERDS2TJ272T	2.7K 1/4W	1	[M]
R966	ERDS2TJ472T	4.7K 1/4W	1	[M]
R967	ERDS2TJ682T	6.8K 1/4W	1	[M]
R968	ERDS2TJ103T	10K 1/4W	1	[M]
R969	ERDS2TJ681T	680 1/4W	1	[M]
R971	ERDS2TJ102T	1K 1/4W	1	[M]
R972	ERDS2TJ102T	1K 1/4W	1	[M]
R972	ERDS2TJ821T	820 1/4W	1	[M]
R973	ERDS2TJ122T	1.2K 1/4W	1	[M]
R973	ERDS2TJ393T	39K 1/4W	1	[M]
R974	ERDS2TJ182T	1.8K 1/4W	1	[M]
R975	ERDS2TJ222T	2.2K 1/4W	1	[M]
R995	ERDS2TJ101T	100 1/4W	1	[M]
R1101	ERJ6GEYJ334A	330K 1/10W	1	[M]
R1102	ERJ6GEYJ104A	100K 1/10W	1	[M]
R1103	ERJ6GEYJ153A	15K 1/10W	1	[M]
R1104	ERJ6GEYJ153A	15K 1/10W	1	[M]
R1105	ERJ6GEYJ271A	270 1/10W	1	[M]
R1106	ERJ6GEYJ222A	2.2K 1/10W	1	[M]
R1107	ERJ6GEYJ390A	39 1/10W	1	[M]
R1108	ERJ6GEYJ390A	39 1/10W	1	[M]
R1109	ERJ6GEYJ432A	4.3K 1/10W	1	[M]
R1110	ERJ6GEYJ432A	4.3K 1/10W	1	[M]
R1111	ERJ6GEYJ222A	2.2K 1/10W	1	[M]
R1112	ERJ6GEYJ222A	2.2K 1/10W	1	[M]
R1115	ERJ6GEYJ394A	390K 1/10W	1	[M]
R1116	ERJ6GEYJ394A	390K 1/10W	1	[M]
R1117	ERJ6GEYJ274A	270K 1/10W	1	[M]
R1118	ERJ6GEYJ274A	270K 1/10W	1	[M]
R1121	ERJ6GEYJ333A	33K 1/10W	1	[M]
R1122	ERJ6GEYJ333A	33K 1/10W	1	[M]
R1123	ERJ6GEYJ103A	10K 1/10W	1	[M]
R1124	ERJ6GEYJ103A	10K 1/10W	1	[M]
R1125	ERJ6GEYJ102A	1K 1/10W	1	[M]
R1126	ERJ6GEYJ102A	1K 1/10W	1	[M]
R 1131	ERJ6GEYJ683A	68K 1/10W	1	[M]
R1132	ERJ6GEYJ335A	3.3M 1/10W	1	[M]
R1133	ERJ6GEYJ332A	3.3K 1/10W	1	[M]
R1134	ERJ6GEYJ474A	470K 1/10W	1	[M]
R1139	ERJ6GEYJ103A	10K 1/10W	1	[M]
R1141	ERJ6GEYJ682A	6.8K 1/10W	1	[M]
R1142	ERJ6GEYJ682A	6.8K 1/10W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R1143	ERJ6GEYJ103A	10K 1/10W	1	[M]
R1144	ERJ6GEYJ103A	10K 1/10W	1	[M]
R1145	ERJ6GEYJ103A	10K 1/10W	1	[M]
R1146	ERJ6GEYJ103A	10K 1/10W	1	[M]
R1151	ERJ6GEYJ105A	1M 1/10W	1	[M]
R1152	ERJ6GEYJ105A	1M 1/10W	1	[M]
R1153	ERJ6GEYJ122A	1.2K 1/10W	1	[M]
R1154	ERJ6GEYJ122A	1.2K 1/10W	1	[M]
R1155	ERJ6GEYJ221A	220 1/10W	1	[M]
R1156	ERJ6GEYJ221A	220 1/10W	1	[M]
R1158	ERJ6GEYJ221A	220 1/10W	1	[M]
R1161	ERJ8GEYJ472A	4.7K 1/8W	1	[M]
R1162	ERJ6GEYJ472A	4.7K 1/10W	1	[M]
R1165	ERJ6GEYJ563A	56K 1/10W	1	[M]
R1166	ERJ6GEYJ104A	100K 1/10W	1	[M]
R1167	ERJ6GEYJ470A	47 1/10W	1	[M]
R 1170	ERJ6GEYJ102A	1K 1/10W	1	[M]
R1172	ERJ6GEYJ331A	330 1/10W	1	[M]
R1173	ERJ6GEYJ103A	10K 1/10W	1	[M]
R1174	ERJ6GEYJ103A	10K 1/10W	1	[M]
R1176	ERJ6GEYJ472A	4.7K 1/10W	1	[M]
R1177	ERJ6GEYJ562A	5.6K 1/10W	1	[M]
R1178	ERJ6GEYJ1R2A	1.2 1/10W	1	[M]
R1179	ERJ6GEYJ272A	2.7K 1/10W	1	[M]
R1180	ERJ6GEYJ272A	2.7K 1/10W	1	[M]
R1181	ERJ6GEYJ332A	3.3K 1/10W	1	[M]
R1182	ERJ6GEYJ1R0A	1 1/10W	1	[M]
R1183	ERJ6GEYJ104A	100K 1/10W	1	[M]
R1184	ERJ6GEYJ104A	100K 1/10W	1	[M]
R1186	ERJ6GEYJ102A	1K 1/10W	1	[M]
R1188	ERJ6GEYJ102A	1K 1/10W	1	[M]
R1189	ERJ6GEYJ472A	4.7K 1/10W	1	[M]
R1190	ERJ6GEYJ104A	100K 1/10W	1	[M]
R1191	ERJ6GEYJ563A	56K 1/10W	1	[M]
R1192	ERJ6GEYJ470A	47 1/10W	1	[M]
R1195	ERJ6GEYJ104A	100K 1/10W	1	[M]
R1196	ERJ6GEYJ473A	47K 1/10W	1	[M]
R1197	ERJ6GEYJ473A	47K 1/10W	1	[M]
R1206	ERJ6GEYJ221A	220 1/10W	1	[M]
R1213	ERJ6GEYJ152A	1.5K 1/10W	1	[M]
R1215	ERJ6GEYJ222A	2.2K 1/10W	1	[M]
R1216	ERJ6GEYJ222A	2.2K 1/10W	1	[M]
R1220	ERJ8GEYJ472A	4.7K 1/8W	1	[M]
R1221	ERJ6GEYJ2R7A	2.7 1/10W	1	[M]
R1225	ERJ6GEYJ2R7A	2.7 1/10W	1	[M]
R1226	ERJ6GEYJ102A	1K 1/10W	1	[M]
R1227	ERJ6GEYJ102A	1K 1/10W	1	[M]
R1230	ERJ6GEYJ472A	4.7K 1/10W	1	[M]
R1232	ERJ6GEYJ102A	1K 1/10W	1	[M]
R1233	ERJ6GEYJ222A	2.2K 1/10W	1	[M]
R1234	ERJ6GEYJ472A	4.7K 1/10W	1	[M]
R1235	ERJ6GEYJ472A	4.7K 1/10W	1	[M]
R1236	ERJ6GEYJ472A	4.7K 1/10W	1	[M]
R2001	ERJ3GEYJ473V	47K 1/16W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R2002	ERJ3GEYJ473V	47K 1/16W	1	[M]
R2003	ERJ3GEYJ473V	47K 1/16W	1	[M]
R2004	ERJ3GEYJ473V	47K 1/16W	1	[M]
R2005	ERJ3GEYJ473V	47K 1/16W	1	[M]
R2006	ERJ3GEYJ473V	47K 1/16W	1	[M]
R2007	ERJ3GEYJ473V	47K 1/16W	1	[M]
R2008	ERJ3GEYJ223V	22K 1/16W	1	[M]
R2009	ERJ3GEYJ223V	22K 1/16W	1	[M]
R2010	ERJ3GEYJ273V	27K 1/16W	1	[M]
R2011	ERJ3GEYJ123V	12K 1/16W	1	[M]
R2012	ERJ3GEYD562V	5.6K 1/16W	1	[M]
R2013	ERJ3GEYJ273V	27K 1/16W	1	[M]
R2014	ERJ3GEYJ105V	1M 1/16W	1	[M]
R2017	ERJ3GEYD153V	15K 1/16W	1	[M]
R2018	ERJ3GEYJ473V	47K 1/16W	1	[M]
R2020	ERJ3GEYD123V	12K 1/16W	1	[M]
R2021	ERJ3GEYJ103V	10K 1/16W	1	[M]
R2022	ERJ3GEYJ223V	22K 1/16W	1	[M]
R2023	ERJ3GEYJ223V	22K 1/16W	1	[M]
R2024	ERJ3GEYJ563V	56K 1/16W	1	[M]
R2025	ERJ3GEYJ563V	56K 1/16W	1	[M]
R2026	ERJ3GEYJ105V	1M 1/16W	1	[M]
R2027	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R2028	ERJ3GEYJ103V	10K 1/16W	1	[M]
R2029	ERJ3GEYD103V	10K 1/16W	1	[M]
R2030	ERJ3GEYJ103V	10K 1/16W	1	[M]
R2032	ERJ3GEYJ473V	47K 1/16W	1	[M]
R2033	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R2034	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R2051	ERJ3GEY0R00V	0 1/16W	1	[M]
R2067	ERJ3GEYJ221V	220 1/16W	1	[M]
R2068	ERJ3GEYJ221V	220 1/16W	1	[M]
R2069	ERJ3GEYJ221V	220 1/16W	1	[M]
R2070	ERJ3GEYJ221V	220 1/16W	1	[M]
R2071	ERJ3GEYJ221V	220 1/16W	1	[M]
R2072	ERJ3GEY0R00V	0 1/16W	1	[M]
R2073	VLP0323A601R	CHIP INDUCTOR	1	[M]
R2074	VLP0323A601R	CHIP INDUCTOR	1	[M]
R2075	VLP0323A601R	CHIP INDUCTOR	1	[M]
R2076	VLP0323A601R	CHIP INDUCTOR	1	[M]
R2077	VLP0323A601R	CHIP INDUCTOR	1	[M]
R2501	ERJ3GEYJ271V	270 1/16W	1	[M]
R2502	ERJ3GEYJ271V	270 1/16W	1	[M]
R2503	ERJ14YKR39H	0.39 1/4W	1	[M]
R2505	ERJ3GEYJ473V	47K 1/16W	1	[M]
R2511	ERJ3GEYD203V	20K 1/16W	1	[M]
R2512	ERJ3GEYJ273V	27K 1/16W	1	[M]
R2513	ERJ3GEYJ333V	33K 1/16W	1	[M]
R2514	ERJ3GEYD203V	20K 1/16W	1	[M]
R2515	ERJ3GEYJ273V	27K 1/16W	1	[M]
R2516	ERJ3GEYJ333V	33K 1/16W	1	[M]
R2517	ERJ3GEYJ123V	12K 1/16W	1	[M]
R2518	ERJ3GEYJ103V	10K 1/16W	1	[M]
R2519	ERJ3GEYD752V	7.5K 1/16W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R2520	ERJ3GEYJ123V	12K 1/16W	1	[M]
R2521	ERJ3GEYJ103V	10K 1/16W	1	[M]
R2522	ERJ3GEYD752V	7.5K 1/16W	1	[M]
R2527	ERJ3GEYJ103V	10K 1/16W	1	[M]
R2528	ERJ3GEYJ103V	10K 1/16W	1	[M]
R3001	ERJ3GEYJ220V	22 1/16W	1	[M]
R3002	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R3003	ERJ3GEYJ101V	100 1/16W	1	[M]
R3004	ERJ3GEYJ221V	220 1/16W	1	[M]
R3005	ERJ3GEYJ473V	47K 1/16W	1	[M]
R3051	ERJ3GEYD752V	7.5K 1/16W	1	[M]
R3052	ERJ3GEYJ101V	100 1/16W	1	[M]
R3055	ERJ3GEYD752V	7.5K 1/16W	1	[M]
R3057	ERJ3GEYD183V	18K 1/16W	1	[M]
R3058	ERJ3RBD432V	4.3K 3W	1	[M]
R3059	ERJ3GEYD752V	7.5K 1/16W	1	[M]
R3060	ERJ3GEYD752V	7.5K 1/16W	1	[M]
R3061	ERJ3GEYJ101V	100 1/16W	1	[M]
R3071	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R3081	ERJ3GEYD750V	75 1/16W	1	[M]
R3082	ERJ3GEYJ330V	33 1/16W	1	[M]
R3083	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R3084	ERJ3GEYD750V	75 1/16W	1	[M]
R3087	ERJ3GEYD750V	75 1/16W	1	[M]
R3090	ERJ3GEYD750V	75 1/16W	1	[M]
R3091	ERJ3GEYJ330V	33 1/16W	1	[M]
R3092	ERJ3GEYJ331V	330 1/16W	1	[M]
R3501	ERJ3GEYJ561V	560 1/16W	1	[M]
R3502	ERJ3GEYJ561V	560 1/16W	1	[M]
R3503	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R3504	ERJ3GEYJ223V	22K 1/16W	1	[M]
R3505	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R3506	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R3507	ERJ3GEYD750V	75 1/16W	1	[M]
R3508	ERJ3GEYD750V	75 1/16W	1	[M]
R3509	ERJ3GEYD750V	75 1/16W	1	[M]
R4202	ERJ3GEYJ101V	100 1/16W	1	[M]
R4203	ERJ3GEYJ101V	100 1/16W	1	[M]
R4204	ERJ3GEYJ101V	100 1/16W	1	[M]
R4205	ERJ3GEYJ101V	100 1/16W	1	[M]
R4206	ERJ3GEYJ101V	100 1/16W	1	[M]
R4207	ERJ3GEYJ101V	100 1/16W	1	[M]
R4209	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R4211	ERJ3GEYJ101V	100 1/16W	1	[M]
R4212	ERJ3GEYJ222V	2.2K 1/16W	1	[M]
R4213	ERJ3GEY0R00V	0 1/16W	1	[M]
R4214	ERJ3GEY0R00V	0 1/16W	1	[M]
R5201	ERJ12YJ270H	27 1/2W	1	[M]
R5202	ERJ3GEYJ2R2V	2.2 1/16W	1	[M]
R5203	ERJ3GEYJ223V	22K 1/16W	1	[M]
R5204	ERJ3GEYJ123V	12K 1/16W	1	[M]
R5206	ERJ3GEYJ154V	150K 1/16W	1	[M]
R5207	ERJ3GEYD562V	5.6K 1/16W	1	[M]
R5208	ERJ3GEYJ101V	100 1/16W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R5209	ERJ3GEYD303V	30K 1/16W	1	[M]
R5210	ERJ3GEYD473V	47K 1/16W	1	[M]
R5211	ERJ3GEYD183V	18K 1/16W	1	[M]
R5212	ERJ3GEYD562V	5.6K 1/16W	1	[M]
R5213	ERJ3GEYJ103V	10K 1/16W	1	[M]
R5214	ERJ3GEYJ105V	1M 1/16W	1	[M]
R5215	ERJ3GEYJ105V	1M 1/16W	1	[M]
R5216	ERJ3GEYJ105V	1M 1/16W	1	[M]
R5217	ERJ3GEY0R00V	0 1/16W	1	[M]
R5219	ERJ3GEYJ101V	100 1/16W	1	[M]
R5220	ERJ3GEYJ101V	100 1/16W	1	[M]
R6101	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R6102	ERJ3GEY0R00V	0 1/16W	1	[M]
R6201	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R6208	ERJ3GEYJ473V	47K 1/16W	1	[M]
R6209	ERJ3GEYD151V	150 1/16W	1	[M]
R6210	ERJ3GEYD471V	470 1/16W	1	[M]
R6211	ERJ3GEYD391V	390 1/16W	1	[M]
R6212	ERJ3GEYJ473V	47K 1/16W	1	[M]
R6213	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R6214	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R6301	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R6302	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R6303	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R6502	ERJ3GEYJ221V	220 1/16W	1	[M]
R6503	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R6504	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R6505	ERJ3GEY0R00V	0 1/16W	1	[M]
R7001	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R7002	ERJ3GEYJ473V	47K 1/16W	1	[M]
K3001	ERJ3GEY0R00V	0 1/16W	1	[M]
K3002	RLQU100KT-W	INDUCTOR	1	[M]
K6301	ERJ3GEY0R00V	0 1/16W	1	[M]
K6506	VLP0323A601R	CHIP INDUCTOR	1	[M]
K6531	ERJ3GEYJ470V	47 1/16W	1	[M]
RA3008	EXBV4V103JV	CHIP RESISTOR	1	[M]
RA3009	EXBV4V221JV	CHIP RESISTOR	1	[M]
RA3010	EXBV4V221JV	CHIP RESISTOR	1	[M]
RA3011	EXBV4V473JV	CHIP RESISTOR	1	[M]
RA6201	EXBV4V103JV	CHIP RESISTOR	1	[M]
RA6202	EXBV4V473JV	CHIP RESISTOR	1	[M]
RA6203	EXBV4V473JV	CHIP RESISTOR	1	[M]
RA6204	EXBV4V103JV	CHIP RESISTOR	1	[M]
RA6205	EXBV8V473JV	CHIP RESISTOR	1	[M]
RA6206	EXBV4V103JV	CHIP RESISTOR	1	[M]
RA7001	EXBV8V473JV	CHIP RESISTOR	1	[M]
RA7002	EXBV8V473JV	CHIP RESISTOR	1	[M]
RA7003	EXBV8V473JV	CHIP RESISTOR	1	[M]
		CAPACITORS		
C1	ECEA1CKA101B	100 16V	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C2	ECBT1E103ZF5	0.01 25V	1	[M]
C202	ECUV1H103KBN	0.01 50V	1	[M]
C203	ECUV1H103KBN	0.01 50V	1	[M]
C205	ECUV1H101KCN	100P 50V	1	[M]
C206	ECUV1H101KCN	100P 50V	1	[M]
C207	ECUV1H101KCN	100P 50V	1	[M]
C208	ECUV1H101KCN	100P 50V	1	[M]
C213	ECEA1HKA4R7B	4.7 50V	1	[M]
C214	ECEA1HKA4R7B	4.7 50V	1	[M]
C215	ECUV1H681KBN	680P 50V	1	[M]
C216	ECUV1H681KBN	680P 50V	1	[M]
C217	ECUV1H330JCN	33P 50V	1	[M]
C218	ECUV1H330JCN	33P 50V	1	[M]
C219	ECUV1H103KBN	0.01 50V	1	[M]
C220	ECUV1H103KBN	0.01 50V	1	[M]
C229	ECUVNE104KBN	0.1 25V	1	[M]
C230	ECUVNE104KBN	0.1 25V	1	[M]
C231	ECUV1H332KBN	3300P 50V	1	[M]
C232	ECUV1H332KBN	3300P 50V	1	[M]
C233	ECUV1H470JCN	47P 50V	1	[M]
C234	ECUV1H470JCN	47P 50V	1	[M]
C235	ECUV1H470JCN	47P 50V	1	[M]
C236	ECUV1H103KBN	0.01 50V	1	[M]
C237	ECUV1H103KBN	0.01 50V	1	[M]
C238	ECUV1H103KBN	0.01 50V	1	[M]
C239	ECEA1CKA100B	10 16V	1	[M]
C240	ECEA1CKA100B	10 16V	1	[M]
C261	ECEA1HKA4R7B	4.7 50V	1	[M]
C262	ECEA1HKA4R7B	4.7 50V	1	[M]
C263	ECUV1H101KCN	100P 50V	1	[M]
C264	ECUV1H101KCN	100P 50V	1	[M]
C265	ECUV1H470JCN	47P 50V	1	[M]
C266	ECUV1H470JCN	47P 50V	1	[M]
C267	ECUV1H102KBN	1000P 50V	1	[M]
C268	ECUV1H102KBN	1000P 50V	1	[M]
C269	ECEA1CKA100B	10 16V	1	[M]
C270	ECEA1CKA100B	10 16V	1	[M]
C271	ECUV1H103KBN	0.01 50V	1	[M]
C272	ECUV1H103KBN	0.01 50V	1	[M]
C273	ECEA1HKA3R3B	3.3 50V	1	[M]
C275	ECEA1CKA220B	22 16V	1	[M]
C301	ECUV1H101KCN	100P 50V	1	[M]
C302	ECUV1H101KCN	100P 50V	1	[M]
C303	ECUV1H330JCN	33P 50V	1	[M]
C304	ECUV1H330JCN	33P 50V	1	[M]
C305	ECEA1CKA100B	10 16V	1	[M]
C306	ECEA1CKA100B	10 16V	1	[M]
C307	ECEA1CKA100B	10 16V	1	[M]
C308	ECEA1CKA100B	10 16V	1	[M]
C309	ECUV1H101KCN	100P 50V	1	[M]
C310	ECUV1H101KCN	100P 50V	1	[M]
C311	ECUV1H102KBN	1000P 50V	1	[M]
C312	ECUV1H470JCN	47P 50V	1	[M]
C313	ECUV1H103KBN	0.01 50V	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C314	ECUV1H103KBN	0.01 50V	1	[M]
C315	ECEA1HKA3R3B	3.3 50V	1	[M]
C316	ECEA1CKA100B	10 16V	1	[M]
C318	ECEA1CKA100B	10 16V	1	[M]
C321	ECUV1H103KBN	0.01 50V	1	[M]
C322	ECUV1H103KBN	0.01 50V	1	[M]
C323	ECEA1HKA010B	1 50V	1	[M]
C324	ECEA1HKA4R7B	4.7 50V	1	[M]
C325	ECUV1H101KCN	100P 50V	1	[M]
C326	ECUV1H102KBN	1000P 50V	1	[M]
C327	ECUV1H103KBN	0.01 50V	1	[M]
C328	ECUV1H103KBN	0.01 50V	1	[M]
C329	ECEA1CKA100B	10 16V	1	[M]
C330	ECEA1CKA100B	10 16V	1	[M]
C331	ECUV1H103KBN	0.01 50V	1	[M]
C332	ECEA1AKN100B	10 10V	1	[M]
C333	ECEA1HKA3R3B	3.3 50V	1	[M]
C351	ECEA1CKA330B	33 16V	1	[M]
C352	ECUVNE104KBN	0.1 50V	1	[M]
C353	ECEA0JKA101B	100 6.3V	1	[M]
C354	ECEA0JKA221B	220 6.3V	1	[M]
C355	ECEA1HKA2R2B	2.2 50V	1	[M]
C371	ECEA1HKA4R7B	4.7 50V	1	[M]
C372	ECUVNE104KBN	0.1 25V	1	[M]
C381	ECUV1H103KBN	0.01 50V	1	[M]
C382	ECUV1H103KBN	0.01 50V	1	[M]
C383	ECEA1CKA100B	10 16V	1	[M]
C384	ECEA1CKA100B	10 16V	1	[M]
C385	ECUV1H103KBN	0.01 50V	1	[M]
C386	ECUV1H103KBN	0.01 50V	1	[M]
C391	ECUV1C683KBN	0.068 16V	1	[M]
C392	ECUV1C683KBN	0.068 16V	1	[M]
C393	ECEA1HKA4R7B	4.7 50V	1	[M]
C401	ECUV1E223KBN	0.022 25V	1	[M]
C402	ECUV1H103KBN	0.01 50V	1	[M]
C403	ECUV1E223KBN	0.022 25V	1	[M]
C404	ECEA0JKA470B	47 6.3V	1	[M]
C405	ECUVNE104KBN	0.1 50V	1	[M]
C451	ECUV1H103KBN	0.01 50V	1	[M]
C452	ECUV1H103KBN	0.01 50V	1	[M]
C453	ECUV1E223KBN	0.022 25V	1	[M]
C456	ECUV1H103KBN	0.01 50V	1	[M]
C457	ECEA0JKA470B	47 6.3V	1	[M]
C458	ECUVNE104KBN	0.1 25V	1	[M]
C459	ECUVNE104KBN	0.1 25V	1	[M]
C501	ECBT1H471KB5	470P 50V	1	[M]
C502	ECBT1H471KB5	470P 50V	1	[M]
C503	ECBT1H471KB5	470P 50V	1	[M]
C504	ECBT1H471KB5	470P 50V	1	[M]
C505	ECBT1H471KB5	470P 50V	1	[M]
C506	ECBT1H471KB5	470P 50V	1	[M]
C507	ECBT1H180JC5	18P 50V	1	[M]
C508	ECBT1H180JC5	18P 50V	1	[M]
C509	ECBT1H220JC5	22P 50V	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C510	ECBT1H220JC5	22P 50V	1	[M]
C511	ECBT1H220JC5	22P 50V	1	[M]
C512	ECBT1H220JC5	22P 50V	1	[M]
C513	ECBT1H473KB5	0.047 50V	1	[M]
C514	ECEA1CKA220B	22 16V	1	[M]
C515	ECKR1H103ZF5	0.01 50V	1	[M]
C516	ECKR1H103ZF5	0.01 50V	1	[M]
C517	ECBT1C103NS5	0.01 16V	1	[M]
C520	ECBT1H104KB5	0.1 50V	1	[M]
C521	ECBT1H473KB5	0.047 50V	1	[M]
C522	ECBT1H473KB5	0.047 50V	1	[M]
C523	ECBT1H473KB5	0.047 50V	1	[M]
C524	ECBT1H473KB5	0.047 50V	1	[M]
C525	ECBT1H473KB5	0.047 50V	1	[M]
C526	ECBT1H473KB5	0.047 50V	1	[M]
C527	ECA0JM471B	470 6.3V	1	[M]
C529	ECBT1H102KB5	1000P 50V	1	[M]
C530	ECBT1H102KB5	1000P 50V	1	[M]
C531	ECEA2AU100B	10 100V	1	[M]
C532	ECBT1H150JC5	15P 50V	1	[M]
C533	ECBT1H150JC5	15P 50V	1	[M]
C534	ECEA2AU100B	10 100V	1	[M]
C537	ECBT1H473KB5	0.047 50V	1	[M]
C538	ECBT1H473KB5	0.047 50V	1	[M]
C539	ECEA1HAY4R7S	4.7 50V	1	[M]
C540	ECEA1HAY4R7S	4.7 50V	1	[M]
C565	ECBT1C103NS5	0.01 16V	1	[M]
C566	RCE1VFW472BJ	4700 35V	1	[M] ⚠
C567	RCE1VFW562BJ	5600 35V	1	[M] ⚠
C568	RCE1VFW562BJ	5600 35V	1	[M]
C569	RCE1VFW472BJ	4700 35V	1	[M]
C570	ECQU2A104KL3	0.1 100V	1	[M]
C571	ECQU2A104KL3	0.1 100V	1	[M]
C572	ECBT1H102KB5	1000P 50V	1	[M]
C573	ECEA1EM331B	330 25V	1	[M]
C574	ECEA1HM470B	47 50V	1	[M]
C575	ECBT1H103KB5	0.01 50V	1	[M]
C576	ECEA1EM101B	100 25V	1	[M]
C577	ECBT1H103KB5	0.01 50V	1	[M]
C578	ECEA1AKA330B	33 10V	1	[M]
C579	ECEA1CKA470B	47 16V	1	[M]
C581	ECEA1HKAR47B	0.47 50V	1	[M]
C582	ECEA1EM331B	330 25V	1	[M]
C583	ECEA1EM331B	330 25V	1	[M]
C584	ECEA1HM101B	100 50V	1	[M]
C585	ECEA1HM101B	100 50V	1	[M]
C586	ECEA1JM101B	100 63V	1	[M]
C587	ECEA1JM101B	100 63V	1	[M] ⚠
C588	ECKR2H102ZF5	1000P 500V	1	[M]
C589	ECA1HM100B	10 50V	1	[M]
C591	ECA1EM222B	2200 25V	1	[M]
C592	ECBT1H103KB5	0.01 50V	1	[M]
C593	RCEA1C102B-S	1000 16V	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C594	RCEA1C102B-S	1000 16V	1	[M]
C595	ECEA1VKA4R7B	4.7 35V	1	[M]
C596	ECBT1H103KB5	0.01 50V	1	[M]
C597	ECEA1AKA470B	47 10V	1	[M]
C599	ECQE1104KF3	0.1 100V	1	[M]
C601	ECBT1H101KB5	100P 50V	1	[M]
C602	ECBT1H101KB5	100P 50V	1	[M]
C603	ECBT1H104KB5	0.1 50V	1	[M]
C604	ECBT1H561KB5	560P 50V	1	[M]
C605	ECBT1H561KB5	560P 50V	1	[M]
C606	ECBT1H561KB5	560P 50V	1	[M]
C607	ECBT1H561KB5	560P 50V	1	[M]
C608	ECBT1H561KB5	560P 50V	1	[M]
C609	ECBT1H561KB5	560P 50V	1	[M]
C610	ECBT1H561KB5	560P 50V	1	[M]
C611	ECEA1CKA100B	10 16V	1	[M]
C612	ECBT1C103MS5	0.01 16V	1	[M]
C613	ECBT1C103MS5	0.01 16V	1	[M]
C614	ECEA1HKA2R2B	2.2 50V	1	[M]
C615	ECBT1H150JC5	15P 50V	1	[M]
C616	ECBT1H180JC5	18P 50V	1	[M]
C617	ECBT1H680JC5	68P 50V	1	[M]
C618	ECBT1H560J5	56P 50V	1	[M]
C619	ECBT1H680JC5	68P 50V	1	[M]
C620	ECBT1H560J5	56P 50V	1	[M]
C621	ECBT1H102KB5	1000P 50V	1	[M]
C622	ECBT1H331KB5	330P 50V	1	[M]
C623	ECEA0JKA101B	100 6.3V	1	[M]
C624	ECBT1H102KB5	1000P 50V	1	[M]
C625	ECBT1H102KB5	1000P 50V	1	[M]
C626	ECEA0JM102B	1000 6.3V	1	[M]
C627	ECBT1H103KB5	0.01 50V	1	[M]
C628	ECBT1H561KB5	560P 50V	1	[M]
C629	ECEA1AKA220B	22 10V	1	[M]
C630	ECBT1H104KB5	0.1 50V	1	[M]
C631	ECBT1H104KB5	0.1 50V	1	[M]
C632	ECEA1HKA0R1B	0.1 50V	1	[M]
C633	ECEA1CKA100B	10 16V	1	[M]
C634	ECBT1H103KB5	0.01 50V	1	[M]
C635	ECBT1H103KB5	0.01 50V	1	[M]
C636	ECEA1HKA3R3B	3.3 50V	1	[M]
C638	ECBT1H103KB5	0.01 50V	1	[M]
C640	ECBT1H223KB5	0.022 50V	1	[M]
C641	ECBT1H223KB5	0.022 50V	1	[M]
C642	ECEA1VKA220B	22 35V	1	[M]
C643	ECEA1VKA220B	22 35V	1	[M]
C651	ECBT1H101KB5	100P 50V	1	[M]
C652	ECBT1H101KB5	100P 50V	1	[M]
C653	ECBT1H104KB5	0.1 50V	1	[M]
C672	ECBT1H101KB5	100P 50V	1	[M]
C673	ECBT1C103MS5	0.01 16V	1	[M]
C674	ECBT1H104KB5	0.1 50V	1	[M]
C701	ECEA1CKA100B	10 16V	1	[M]
C702	ECEA1CKA100B	10 16V	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C704	ECUV1H471KBN	470P 50V	1	[M]
C705	ECUV1H471KBN	470P 50V	1	[M]
C706	ECUV1H470JCN	47P 50V	1	[M]
C707	ECUV1H470JCN	47P 50V	1	[M]
C708	ECUVNE104KBN	0.1 25V	1	[M]
C709	ECUVNE104KBN	0.1 25V	1	[M]
C710	ECEA1CKA220B	22 16V	1	[M]
C711	ECEA1CKA220B	22 16V	1	[M]
C712	ECUV1H222KBN	2200P 50V	1	[M]
C713	ECUV1H222KBN	2200P 50V	1	[M]
C714	ECEA1CKA220B	22 16V	1	[M]
C715	ECEA1CKA220B	22 16V	1	[M]
C718	ECUV1H103KBN	0.01 50V	1	[M]
C719	ECUV1H103KBN	0.01 50V	1	[M]
C720	ECEA1CKA100B	10 16V	1	[M]
C721	ECEA1CKA100B	10 16V	1	[M]
C722	ECEA1CKA100B	10 16V	1	[M]
C725	ECUV1H471KBN	470P 50V	1	[M]
C726	ECUV1H471KBN	470P 50V	1	[M]
C727	ECUV1H470JCN	47P 50V	1	[M]
C728	ECUV1H470JCN	47P 50V	1	[M]
C729	ECEA1CKA220B	22 16V	1	[M]
C730	ECEA1CKA220B	22 16V	1	[M]
C731	ECUV1H222KBN	2200P 50V	1	[M]
C732	ECUV1H222KBN	2200P 50V	1	[M]
C733	ECEA1CKA220B	22 16V	1	[M]
C734	ECEA1CKA220B	22 16V	1	[M]
C739	ECUVNA105KBN	1 10V	1	[M]
C740	ECEA1EM101B	100 25V	1	[M]
C741	ECEA1CKA100B	10 16V	1	[M]
C742	ECEA1CKA100B	10 16V	1	[M]
C743	ECUV1H471KBN	470P 50V	1	[M]
C744	ECUV1H471KBN	470P 50V	1	[M]
C745	ECUV1H470JCN	47P 50V	1	[M]
C746	ECUV1H470JCN	47P 50V	1	[M]
C747	ECUV1H103KBN	0.01 50V	1	[M]
C748	ECUV1H103KBN	0.01 50V	1	[M]
C749	ECEA1CKA220B	22 16V	1	[M]
C750	ECEA1CKA220B	22 16V	1	[M]
C755	ECEA1CKA220B	22 16V	1	[M]
C756	ECEA1CKA220B	22 16V	1	[M]
C757	ECUV1H222KBN	2200P 50V	1	[M]
C758	ECUV1H222KBN	2200P 50V	1	[M]
C759	ECUV1H221KBN	220P 50V	1	[M]
C760	ECUV1H221KBN	220P 50V	1	[M]
C761	ECUV1H102KBN	1000P 50V	1	[M]
C762	ECEA1CKA100B	10 16V	1	[M]
C763	ECUV1H102KBN	1000P 50V	1	[M]
C764	ECUV1H103KBN	0.01 50V	1	[M]
C765	ECEA1AKA101B	100 10V	1	[M]
C766	ECUV1H102KBN	1000P 50V	1	[M]
C767	ECEA1CKA100B	10 16V	1	[M]
C768	ECA1AM222B	2200 10V	1	[M]
C769	ECUV1H221KBN	220P 50V	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C771	ECEA1CKA100B	10 16V	1	[M]
C772	ECEA1CKA100B	10 16V	1	[M]
C774	EEUFC0J821B	820 6.3V	1	[M]
C775	ECEA1AKA101B	100 10V	1	[M]
C777	ECUV1H470JCN	47P 50V	1	[M]
C778	ECUV1H470JCN	47P 50V	1	[M]
C779	ECEA0JM102B	1000 6.3V	1	[M]
C780	ECEA0JM102B	1000 6.3V	1	[M]
C781	ECEA1HKA3R3B	3.3 50V	1	[M]
C782	ECEA1EM472B	4700 25V	1	[M] !
C783	ECQE1104KF3	0.1 100V	1	[M]
C784	ECUVNE104KBN	0.1 25V	1	[M]
C785	ECUV1H103KBN	0.01 50V	1	[M]
C786	ECUV1H103KBN	0.01 50V	1	[M]
C788	EEUFC0J821B	820 6.3V	1	[M]
C801	ECUV1H222KBN	2200P 50V	1	[M]
C802	ECUV1H222KBN	2200P 50V	1	[M]
C803	ECEA1HKA4R7B	4.7 50V	1	[M]
C804	ECEA1HKA4R7B	4.7 50V	1	[M]
C805	ECEA1HKAR47B	0.47 50V	1	[M]
C806	ECEA1HKAR47B	0.47 50V	1	[M]
C807	ECUVNE104KBN	0.1 25V	1	[M]
C808	ECUVNE104KBN	0.1 25V	1	[M]
C809	ECEA1HKA4R7B	4.7 50V	1	[M]
C810	ECUV1H222KBN	2200P 50V	1	[M]
C811	ECUV1H561KBN	560P 50V	1	[M]
C812	ECUV1H471KBN	470P 50V	1	[M]
C813	ECEA0JKA470B	47 6.3V	1	[M]
C814	ECEA0JKA470B	47 6.3V	1	[M]
C815	ECUVNC474KBN	0.47 16V	1	[M]
C816	ECUVNC474KBN	0.47 16V	1	[M]
C817	ECEA1HKA010B	1 50V	1	[M]
C818	ECEA1CKA100B	10 16V	1	[M]
C819	ECUV1H103KBN	0.01 50V	1	[M]
C820	ECUV1H103KBN	0.01 50V	1	[M]
C821	ECUV1H222KBN	2200P 50V	1	[M]
C822	ECUV1H222KBN	2200P 50V	1	[M]
C823	ECUVNC474KBN	0.47 16V	1	[M]
C824	ECUVNC474KBN	0.47 16V	1	[M]
C825	ECEA1HKA010B	1 50V	1	[M]
C826	ECEA1HKA010B	1 50V	1	[M]
C827	ECUV1H103KBN	0.01 50V	1	[M]
C828	ECUV1H103KBN	0.01 50V	1	[M]
C829	ECUV1H222KBN	2200P 50V	1	[M]
C830	ECUV1H222KBN	2200P 50V	1	[M]
C831	ECUVNC474KBN	0.47 16V	1	[M]
C832	ECEA1HKA4R7B	4.7 50V	1	[M]
C833	ECEA0JKA470B	47 6.3V	1	[M]
C834	ECUV1H222KBN	2200P 50V	1	[M]
C836	EEAFC0J101B	100 16V	1	[M]
C837	ECEA0JKA470B	47 6.3V	1	[M]
C838	ECEA0JKA470B	47 6.3V	1	[M]
C839	ECEA0JKA470B	47 6.3V	1	[M]
C840	ECUV1H331KBN	330P 50V	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C841	ECUV1H103KBN	0.01 50V	1	[M]
C842	ECUV1H050DCN	5P 50V	1	[M]
C843	ECUV1H120JCN	12P 50V	1	[M]
C844	ECUVNA105KBN	1 10V	1	[M]
C845	ECUVNA105KBN	1 10V	1	[M]
C846	ECUVNA105KBN	1 10V	1	[M]
C847	ECUV1E223KBN	0.022 25V	1	[M]
C848	ECUVNA105KBN	1 10V	1	[M]
C849	EEAFC0J101B	100 6.3V	1	[M]
C850	ECUV1H101JCN	100 50V	1	[M]
C851	ECUV1H222KBN	2200P 50V	1	[M]
C852	ECUV1H222KBN	2200P 50V	1	[M]
C853	ECEA1HKA4R7B	4.7 50V	1	[M]
C854	ECEA1HKA4R7B	4.7 50V	1	[M]
C855	ECEA1HKAR47B	0.47 50V	1	[M]
C856	ECEA1HKAR47B	0.47 50V	1	[M]
C857	ECUVNE104KBN	0.1 25V	1	[M]
C858	ECUVNE104KBN	0.1 25V	1	[M]
C859	ECEA1HKA4R7B	4.7 50V	1	[M]
C860	ECUV1H222KBN	2200P 50V	1	[M]
C861	ECUV1H561KBN	560P 50V	1	[M]
C862	ECUV1H471KBN	470P 50V	1	[M]
C863	ECEA0JKA470B	47 6.3V	1	[M]
C864	ECEA0JKA470B	47 6.3V	1	[M]
C865	ECEA1HKA010B	1 50V	1	[M]
C866	ECEA1HKA010B	1 50V	1	[M]
C867	ECEA1HKA010B	1 50V	1	[M]
C868	ECEA1HKA010B	1 50V	1	[M]
C869	ECUV1H103KBN	0.01 50V	1	[M]
C870	ECEA1HKA010B	1 50V	1	[M]
C871	ECUV1H222KBN	2200P 50V	1	[M]
C872	ECUV1H222KBN	2200P 50V	1	[M]
C873	ECUVNC474KBN	0.47 16V	1	[M]
C874	ECUVNC474KBN	0.47 16V	1	[M]
C875	ECEA1CKA100B	10 16V	1	[M]
C876	ECEA1CKA100B	10 16V	1	[M]
C877	ECUV1H103KBN	0.01 50V	1	[M]
C878	ECUV1H103KBN	0.01 50V	1	[M]
C879	ECUV1H222KBN	2200P 50V	1	[M]
C880	ECUV1H222KBN	2200P 50V	1	[M]
C881	ECEA1HKA010B	1 50V	1	[M]
C882	ECEA1CKA100B	10 16V	1	[M]
C883	ECEA0JKA470B	47 6.3V	1	[M]
C884	ECUV1H222KBN	2200P 50V	1	[M]
C886	EEAFC0J101B	100 6.3V	1	[M]
C887	ECEA0JKA470B	47 6.3V	1	[M]
C888	ECEA0JKA470B	47 6.3V	1	[M]
C891	ECUV1H103KBN	0.01 50V	1	[M]
C892	ECEA0JKA470B	47 6.3V	1	[M]
C893	ECUV1E223KBN	0.022 25V	1	[M]
C894	ECUV1E223KBN	0.022 25V	1	[M]
C895	ECUV1E223KBN	0.022 25V	1	[M]
C896	ECUV1E223KBN	0.022 25V	1	[M]
C897	ECUV1E223KBN	0.022 25V	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C898	ECUVNA105KBN	1 10V	1	[M]
C899	ECEA0JKA470B	47 6.3V	1	[M]
C1101	ECUZ1H102KBN	1000P 50V	1	[M]
C1102	ECUZ1H102KBN	1000P 50V	1	[M]
C1103	ECUZ1H681KBN	680P 50V	1	[M]
C1104	ECFR1C223KR	0.022 16V	1	[M]
C1105	ECUZ1H122KBN	1200P 50V	1	[M]
C1106	ECUZ1H122KBN	1200P 50V	1	[M]
C1108	ECEA1CKA330B	33 16V	1	[M]
C1109	ECEA1CKA101B	100 16V	1	[M]
C1111	ECUZ1H821KBN	820P 50V	1	[M]
C1112	ECUZ1H821KBN	820P 50V	1	[M]
C1113	ECEA0JKA221B	220 6.3V	1	[M]
C1114	ECEA0JKA221B	220 6.3V	1	[M]
C1115	ECFR1C333JR	0.033 16V	1	[M]
C1116	ECFR1C333JR	0.033 16V	1	[M]
C1117	ECEA1HKM010B	1 50V	1	[M]
C1118	ECEA1HKM010B	1 50V	1	[M]
C1119	ECEA1HKA4R7B	4.7 50V	1	[M]
C1120	ECEA1HKA4R7B	4.7 50V	1	[M]
C1121	ECEA1HKA010B	1 50V	1	[M]
C1122	ECEA1HKA010B	1 50V	1	[M]
C1123	ECUZ1H182KBN	1800P 50V	1	[M]
C1124	ECUZ1H182KBN	1800P 50V	1	[M]
C1125	ECFR1C473MR	0.047 16V	1	[M]
C1126	ECFR1C473MR	0.047 16V	1	[M]
C1127	ECUZ1H103KBN	0.01 50V	1	[M]
C1128	ECUZ1H103KBN	0.01 50V	1	[M]
C1129	ECUZ1H821KBN	820P 50V	1	[M]
C1130	ECUZ1H821KBN	820P 50V	1	[M]
C1131	ECUZ1H821KBN	820P 50V	1	[M]
C1132	ECUZ1H821KBN	820P 50V	1	[M]
C1133	ECEA1HKA4R7B	4.7 50V	1	[M]
C1134	ECEA1HKA4R7B	4.7 50V	1	[M]
C1135	ECUZ1H102KBN	1000P 50V	1	[M]
C1136	ECUZ1H102KBN	1000P 50V	1	[M]
C1139	ECEA1HKA2R2B	2.2 50V	1	[M]
C1140	ECEA1CKA100B	10 16V	1	[M]
C1141	ECEA1HKA0R1B	0.1 50V	1	[M]
C1142	ECFR1C223KR	0.022 16V	1	[M]
C1143	ECEA1HKA4R7B	4.7 50V	1	[M]
C1144	ECEA1HKA4R7B	4.7 50V	1	[M]
C1145	ECEA1CKA100B	10 16V	1	[M]
C1146	ECEA1CKA100B	10 16V	1	[M]
C1147	ECUZ1H152KBN	1500P 50V	1	[M]
C1148	ECUZ1H152KBN	1500P 50V	1	[M]
C1150	ECEA1AKA470B	47 10V	1	[M]
C1151	ECEA1CKA100B	10 16V	1	[M]
C1152	ECEA1CKA100B	10 16V	1	[M]
C1153	ECUZ1H102KBN	1000P 50V	1	[M]
C1154	ECUZ1H102KBN	1000P 50V	1	[M]
C1162	ECEA1CKA101B	100 16V	1	[M]
C1165	ECEA1CKA100B	10 16V	1	[M]
C1166	ECEA1CKA100B	10 16V	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C1173	ECUZ1H103KBN	0.01 50V	1	[M]
C1174	ECEA1HKA4R7B	4.7 50V	1	[M]
C1175	ECEA1VU221B	220 35V	1	[M]
C1176	ECQV1H473JZ3	0.047 50V	1	[M]
C1177	ECUZ1H102KBN	1000P 50V	1	[M]
C1178	ECUZ1H102KBN	1000P 50V	1	[M]
C1179	ECUZ1H103KBN	0.01 50V	1	[M]
C1180	ECUZ1H103KBN	0.01 50V	1	[M]
C1181	ECUZ1H103KBN	0.01 50V	1	[M]
C1182	ECEA1HKA4R7B	4.7 50V	1	[M]
C1183	ECQV1H474JZ3	0.47 50V	1	[M]
C1184	ECQP1152JZT	1500P 100V	1	[M]
C1185	ECQP2A472JZT	4700P 100V	1	[M]
C1186	ECEA1AKA470B	47 10V	1	[M]
C1187	ECUZ1H101KBN	100P 50V	1	[M]
C1188	ECUZ1H101KBN	100P 50V	1	[M]
C1193	ECUZ1H102KBN	1000P 50V	1	[M]
C1194	ECUZ1H102KBN	1000P 50V	1	[M]
C1201	ECEA1CKA101B	100 16V	1	[M]
C1202	ECUZ1E104ZFN	0.1 25V	1	[M]
C2001	ECEV0JA101SP	100 6.3V	1	[M]
C2002	ECUVNC104ZFV	0.1 16V	1	[M]
C2003	ECEV0JA101SP	100 6.3V	1	[M]
C2004	ECUVNC104ZFV	0.1 16V	1	[M]
C2005	ECEV0JA101SP	100 6.3V	1	[M]
C2007	ECUVNH103KBV	0.01 50V	1	[M]
C2008	ECUVNC104ZFV	0.1 16V	1	[M]
C2009	ECUVNC104ZFV	0.1 16V	1	[M]
C2010	ECUV1H101KCV	100P 50V	1	[M]
C2012	ECUV1H331KBV	330P 50V	1	[M]
C2013	ECUV1H121JCV	120P 50V	1	[M]
C2014	ECUV1H121JCV	120P 50V	1	[M]
C2015	ECUV1H121JCV	120P 50V	1	[M]
C2016	ECUV1H101KCV	100P 50V	1	[M]
C2017	ECUV1H101KCV	100P 50V	1	[M]
C2018	ECUV1H391KBV	390P 50V	1	[M]
C2019	ECUV1H391KBV	390P 50V	1	[M]
C2020	ECUVNC104ZFV	0.1 16V	1	[M]
C2021	ECUVNC104KBV	0.1 16V	1	[M]
C2022	ECUVNC104KBV	0.1 16V	1	[M]
C2023	ECUV1H682KBV	6800P 50V	1	[M]
C2024	ECUV1H681KBV	680P 50V	1	[M]
C2025	ECUVNC104KBV	0.1 16V	1	[M]
C2026	ECUVNC104ZFV	0.1 16V	1	[M]
C2027	ECUVNA105ZFV	1 10V	1	[M]
C2028	ECUVNC104ZFV	0.1 16V	1	[M]
C2029	ECUV1H470KCV	47P 50V	1	[M]
C2030	ECUVNE183KBV	0.018 25V	1	[M]
C2031	ECUV1H102KBV	1000P 50V	1	[M]
C2032	ECUVNC104ZFV	0.1 16V	1	[M]
C2033	ECUVNJ474KBV	0.47 6.3	1	[M]
C2034	ECUVNH103KBV	0.01 50V	1	[M]
C2035	ERJ3GEY0R00V	0 1/16W	1	[M]
C2037	ECUVNC104ZFV	0.1 16V	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C2038	ECUVNC473KBV	0.047 16V	1	[M]
C2039	ECUVNC393KBV	0.039 16V	1	[M]
C2040	ECUV1H822KBV	8200P 50V	1	[M]
C2041	ECUVNC104ZFV	0.1 16V	1	[M]
C2042	ECUVNC104KBV	0.1 16V	1	[M]
C2043	ECUVNC473KBV	0.047 16V	1	[M]
C2044	ECUVNC104KBV	0.1 16V	1	[M]
C2045	ECUVNC104ZFV	0.1 16V	1	[M]
C2046	ECUVNC104ZFV	0.1 16V	1	[M]
C2047	ECUVNC104ZFV	0.1 16V	1	[M]
C2048	ECUVNC104ZFV	0.1 16V	1	[M]
C2051	ECUVNC104ZFV	0.1 16V	1	[M]
C2060	ECUVNC104ZFV	0.1 16V	1	[M]
C2061	ECUVNC104ZFV	0.1 16V	1	[M]
C2062	ECUVNC104ZFV	0.1 16V	1	[M]
C2063	ECUVNC104ZFV	0.1 16V	1	[M]
C2064	ECUVNC104ZFV	0.1 16V	1	[M]
C2071	ECUV1H270JCV	27P 50V	1	[M]
C2072	ECUV1H270JCV	27P 50V	1	[M]
C2073	ECUV1H270JCV	27P 50V	1	[M]
C2074	ECUV1H270JCV	27P 50V	1	[M]
C2075	ECUV1H270JCV	27P 50V	1	[M]
C2076	ECUV1H100JCV	10P 50V	1	[M]
C2077	ECUV1H270JCV	27P 50V	1	[M]
C2078	ECUV1H270JCV	27P 50V	1	[M]
C2079	ECUV1H270JCV	27P 50V	1	[M]
C2080	ECUV1H270JCV	27P 50V	1	[M]
C2500	EEVFC1C101P	100 16V	1	[M]
C2501	ECEV0JA101SP	100 6.3V	1	[M]
C2502	EEVFC0J221P	220 6.3V	1	[M]
C2503	ECUVNH103KBV	0.01 50V	1	[M]
C2504	ECUVNH103KBV	0.01 50V	1	[M]
C2505	ECUVNH103KBV	0.01 50V	1	[M]
C2506	ECUVNC104ZFV	0.1 16V	1	[M]
C2507	ECUVNC104KBV	0.1 16V	1	[M]
C2508	ECUVNC104ZFV	0.1 16V	1	[M]
C2509	ECUVNC104ZFV	0.1 16V	1	[M]
C2513	ECUVNC104ZFV	0.1 16V	1	[M]
C2514	ECUVNC104ZFV	0.1 16V	1	[M]
C2515	ECUVNC104KBV	0.1 16V	1	[M]
C2516	ECEV0JA470SR	47 6.3V	1	[M]
C2525	ECUVNC104ZFV	0.1 16V	1	[M]
C3001	ECEV0JA331P	330 6.3V	1	[M]
C3002	ECEV0JA331P	330 6.3V	1	[M]
C3003	ECEV0JA331P	330 6.3V	1	[M]
C3004	ECUVNC104ZFV	0.1 16V	1	[M]
C3005	ECUVNC104ZFV	0.1 16V	1	[M]
C3006	ECUVNC104ZFV	0.1 16V	1	[M]
C3007	ECUVNC104ZFV	0.1 16V	1	[M]
C3008	ECUVNC104ZFV	0.1 16V	1	[M]
C3009	ECUVNC104ZFV	0.1 16V	1	[M]
C3010	ECUVNC104ZFV	0.1 16V	1	[M]
C3011	ECUVNC104ZFV	0.1 16V	1	[M]
C3012	ECUVNC104ZFV	0.1 16V	1	[M]

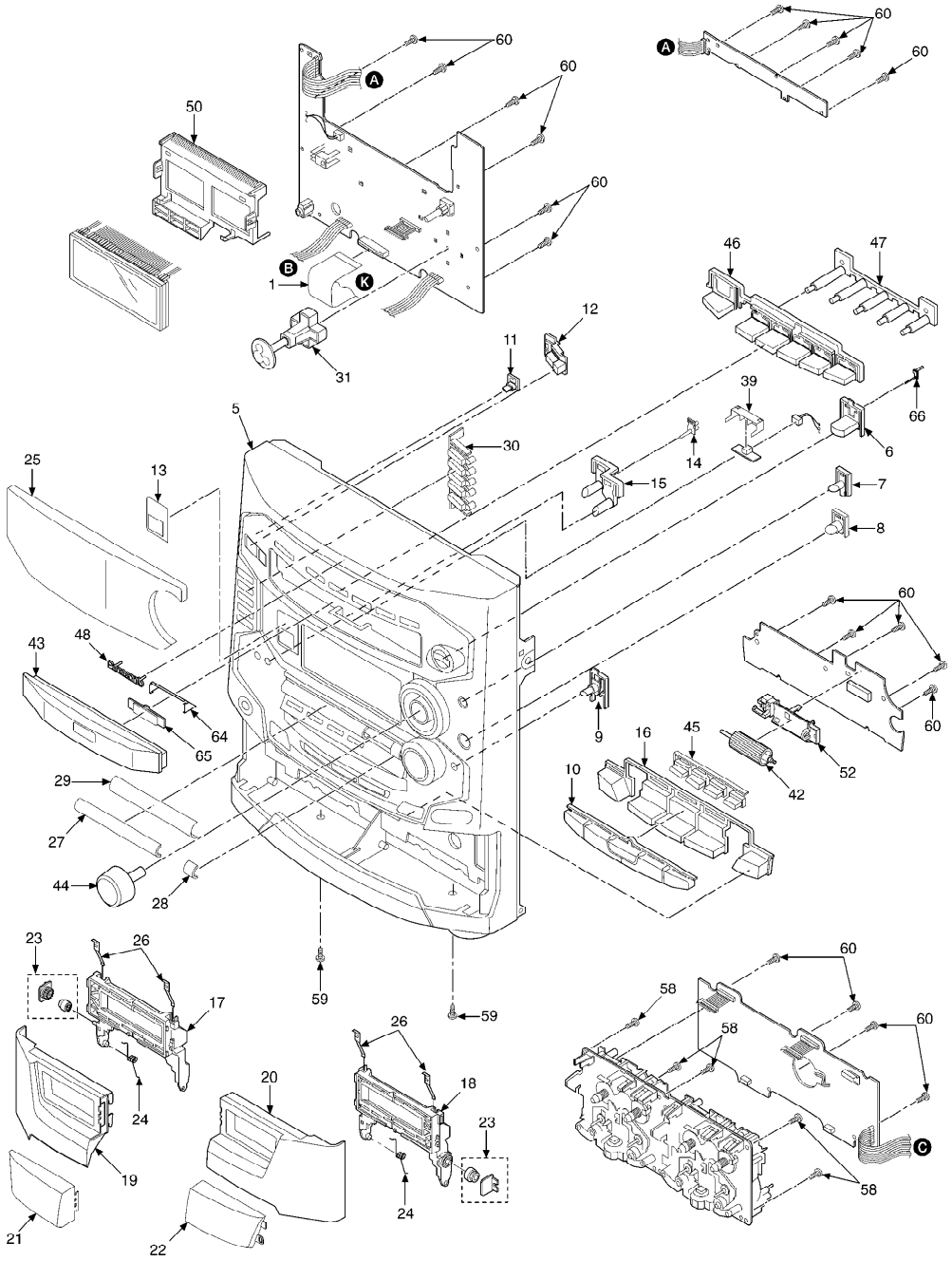
Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C3013	ECUVNC104ZFV	0.1 16V	1	[M]
C3014	ECUVNC104ZFV	0.1 16V	1	[M]
C3015	ECUVNC104ZFV	0.1 16V	1	[M]
C3016	ECUVNC104ZFV	0.1 16V	1	[M]
C3017	ECUVNC104ZFV	0.1 16V	1	[M]
C3018	ECUVNC104ZFV	0.1 16V	1	[M]
C3019	ECUVNC104ZFV	0.1 16V	1	[M]
C3020	ECUVNC104ZFV	0.1 16V	1	[M]
C3021	ECUVNC104ZFV	0.1 16V	1	[M]
C3022	ECUVNC104ZFV	0.1 16V	1	[M]
C3023	ECUVNC104ZFV	0.1 16V	1	[M]
C3024	ECUVNC104ZFV	0.1 16V	1	[M]
C3025	ECUVNC104ZFV	0.1 16V	1	[M]
C3026	ECUVNC104ZFV	0.1 16V	1	[M]
C3027	ECUVNC104ZFV	0.1 16V	1	[M]
C3028	ECUVNC104ZFV	0.1 16V	1	[M]
C3029	ECUVNC104ZFV	0.1 16V	1	[M]
C3030	ECUVNC104ZFV	0.1 16V	1	[M]
C3031	ECUVNC104ZFV	0.1 16V	1	[M]
C3032	ECUVNC104ZFV	0.1 16V	1	[M]
C3033	ECUVNC104ZFV	0.1 16V	1	[M]
C3034	ECUVNC104ZFV	0.1 16V	1	[M]
C3035	ECUVNC104ZFV	0.1 16V	1	[M]
C3036	ECUV1H220JCV	22P 50V	1	[M]
C3042	ECUVNC104ZFV	0.1 16V	1	[M]
C3043	ECUVNC104ZFV	0.1 16V	1	[M]
C3044	ECEV0JA101SP	100 6.3V	1	[M]
C3045	ECUVNC104ZFV	0.1 16V	1	[M]
C3046	ECST1AY106RR	10 10V	1	[M]
C3047	ECUVNC104ZFV	0.1 16V	1	[M]
C3048	ECUVNC104ZFV	0.1 16V	1	[M]
C3051	ECEV0JA331P	330 6.3V	1	[M]
C3052	ECUVNA105KBN	1 10V	1	[M]
C3053	ECUVNA105KBN	1 10V	1	[M]
C3054	ECUVNA105KBN	1 10V	1	[M]
C3055	ECUVNA105KBN	1 10V	1	[M]
C3056	ECUVNC104KBV	0.1 16V	1	[M]
C3057	ECUVNC104KBV	0.1 16V	1	[M]
C3058	ECUVNC104KBV	0.1 16V	1	[M]
C3059	ECUVNC104ZFV	0.1 16V	1	[M]
C3060	ECUVNC104ZFV	0.1 16V	1	[M]
C3061	ECUV1H221KBV	220P 50V	1	[M]
C3062	ECUV1H221KBV	220P 50V	1	[M]
C3063	ECUV1H221KBV	220P 50V	1	[M]
C3064	ECUVNC104ZFV	0.1 16V	1	[M]
C3065	ECUV1H102KBN	1000P 50V	1	[M]
C3066	ECUV1H221KBV	220P 50V	1	[M]
C3075	ECST1AY106RR	10 10V	1	[M]
C3082	ECUVNC104KBV	0.1 16V	1	[M]
C3085	ECUVNC104KBV	0.1 16V	1	[M]
C3091	ECEV0JA101SP	100 6.3V	1	[M]
C3092	ECEV0JA101SP	100 6.3V	1	[M]
C3093	ECUVNC104ZFV	0.1 16V	1	[M]
C3094	ECST1AY106RR	10 10V	1	[M]

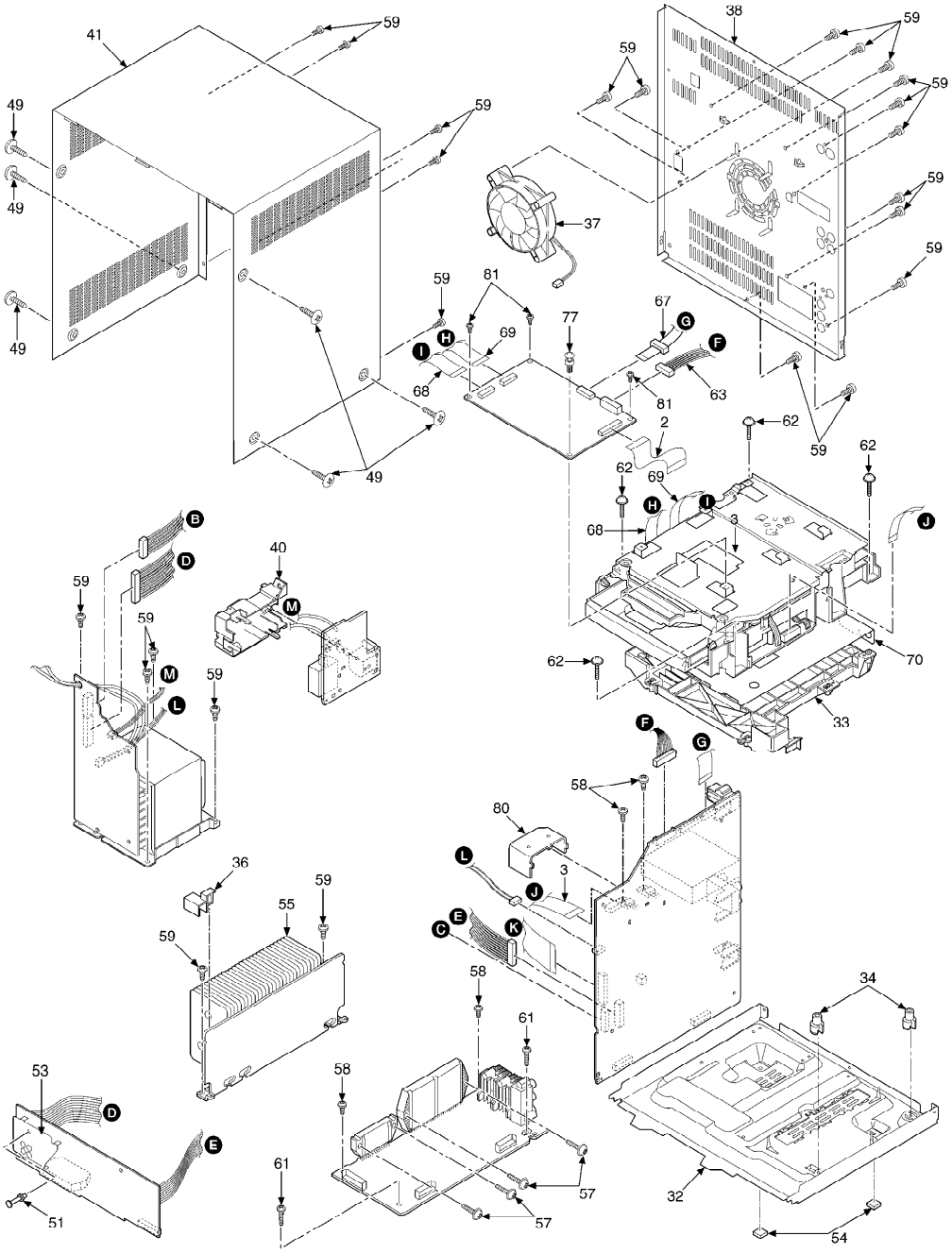
Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C3095	ECUVNC104ZFV	0.1 16V	1	[M]
C3501	ECEV1CA100SR	10 16V	1	[M]
C3502	ECUVNH103KBV	0.01 50V	1	[M]
C3503	ECUVNH103KBV	0.01 50V	1	[M]
C3504	ECUVNC104KBV	0.1 16V	1	[M]
C3505	ECEV0JA101SP	100 6.3V	1	[M]
C4201	ECEV0JA331P	330 6.3V	1	[M]
C4209	ECUVNC104ZFV	0.1 16V	1	[M]
C4210	ECUV1H101JCV	100P 50V	1	[M]
C4211	ECUV1H101JCV	100P 50V	1	[M]
C4212	ECST1AY106RR	10 10V	1	[M]
C4213	ECUVNC104ZFV	0.1 16V	1	[M]
C4214	ECST1AY106RR	10 10V	1	[M]
C4215	ECST1AY106RR	10 10V	1	[M]
C4216	ECUVNC104ZFV	0.1 16V	1	[M]
C4217	ECUVNC104ZFV	0.1 16V	1	[M]
C4218	ECST1AY106RR	10 10V	1	[M]
C4219	ECUV1H101JCV	100P 50V	1	[M]
C4220	ECUV1H101JCV	100P 50V	1	[M]
C4221	ECUV1H101JCV	100P 50V	1	[M]
C4222	ECUV1H101JCV	100P 50V	1	[M]
C4223	ECUVNC104ZFV	0.1 16V	1	[M]
C4227	ECEV0JA331P	330 6.3V	1	[M]
C4231	ECUVNC104ZFV	0.1 16V	1	[M]
C4232	ECUVNC104ZFV	0.1 16V	1	[M]
C4233	ECST1AY106RR	10 10V	1	[M]
C5201	ECEV0JA330SR	33 6.3V	1	[M]
C5202	ECUVNC104ZFV	0.1 16V	1	[M]
C5203	ECUVNC104ZFV	0.1 16V	1	[M]
C5204	ECEV0JA330SR	33 6.3V	1	[M]
C5205	ECUVNC104ZFV	0.1 16V	1	[M]
C5206	ECUVNH103KBV	0.01 50V	1	[M]
C5211	ECEV0JA470SR	47 6.3V	1	[M]
C5212	ECUV1H221KBV	220P 50V	1	[M]
C5213	ECUVNC104ZFV	0.1 16V	1	[M]
C5214	ECUVNC104KBV	0.1 16V	1	[M]
C5215	ECUVNC104ZFV	0.1 16V	1	[M]
C5216	ECUV1H102KBV	1000P 50V	1	[M]
C5217	ECUVNC104KBV	0.1 16V	1	[M]
C5218	ECUV1H180JCV	18P 50V	1	[M]
C5219	ECUV1H182KBV	1800P 50V	1	[M]
C5220	ECUV1H101KCV	100P 50V	1	[M]
C5221	ECUV1H390KCV	39P 50V	1	[M]
C5222	ECUVNJ474KBV	0.47 6.3V	1	[M]
C5223	ECUVNJ474KBV	0.47 6.3V	1	[M]
C5224	ECUV1H221KBV	220P 50V	1	[M]
C5225	ECUV1H221KBV	220P 50V	1	[M]
C5226	ECUVNC104KBV	0.1 16V	1	[M]
C5227	ECUVNC104ZFV	0.1 16V	1	[M]
C5233	ECST1AY106RR	10 10V	1	[M]
C5234	ECUVNC104ZFV	0.1 16V	1	[M]
C6001	ECUVNC104ZFV	0.1 16V	1	[M]
C6011	ECUVNH103KBV	0.01 50V	1	[M]
C6012	ECEV0JA101SP	100 6.3V	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C6013	ECEV0JA101SP	100 6.3V	1	[M]
C6014	ECEV0JA331P	330 6.3V	1	[M]
C6015	ECEV0JA470SR	47 6.3V	1	[M]
C6016	ECUVNC104ZFV	0.1 16V	1	[M]
C6017	ECUVNC104ZFV	0.1 16V	1	[M]
C6018	ECUVNC104ZFV	0.1 16V	1	[M]
C6020	ECUVNC104ZFV	0.1 16V	1	[M]
C6021	ECUVNC104ZFV	0.1 16V	1	[M]
C6022	ECUVNC104ZFV	0.1 16V	1	[M]
C6101	ECUVNC104ZFV	0.1 16V	1	[M]
C6102	ECUVNC104ZFV	0.1 16V	1	[M]
C6201	ECEV0JA470SR	47 6.3V	1	[M]
C6202	ECUVNC104ZFV	0.1 16V	1	[M]
C6203	ECUVNC104ZFV	0.1 16V	1	[M]
C6204	ECUVNC104ZFV	0.1 16V	1	[M]
C6206	ECUVNC104ZFV	0.1 16V	1	[M]
C6207	ECUVNC104ZFV	0.1 16V	1	[M]
C6211	ECUVNC104ZFV	0.1 16V	1	[M]
C6212	ECUVNC104ZFV	0.1 16V	1	[M]
C6253	ECUVNC104ZFV	0.1 16V	1	[M]
C6301	ECUV1H101JCV	100P 50V	1	[M]
C6302	ECUVNC104KBV	0.1 16V	1	[M]
C6303	ECUVNC104ZFV	0.1 16V	1	[M]
C6304	ECUVNC104ZFV	0.1 16V	1	[M]
C6305	ECUVNC104ZFV	0.1 16V	1	[M]
C6501	ECEV0JA470SR	47 6.3V	1	[M]
C6502	ECUVNC104ZFV	0.1 16V	1	[M]
C6503	ECUVNC104ZFV	0.1 16V	1	[M]
C6504	ECST1AY106RR	10 10V	1	[M]
C6505	ECUVNC104ZFV	0.1 16V	1	[M]
C6511	ECUVNC104ZFV	0.1 16V	1	[M]
C6512	ECUVNC104ZFV	0.1 16V	1	[M]
C6513	ECUVNC104ZFV	0.1 16V	1	[M]
C6514	ECUV1H150JCV	15P 50V	1	[M]
C6515	ECUV1H150JCV	15P 50V	1	[M]
C6516	ECUVNC104ZFV	0.1 16V	1	[M]
C6517	ECUVNC104ZFV	0.1 16V	1	[M]
C6521	ECUVNC104ZFV	0.1 16V	1	[M]
C6551	ECUVNC104ZFV	0.1 16V	1	[M]
C6552	ECUVNC104ZFV	0.1 16V	1	[M]
C6553	ECST1AY106RR	10 10V	1	[M]
C7001	ECEV0JA101SP	100 6.3V	1	[M]
C7002	ECEV0JA101SP	100 6.3V	1	[M]
C7006	ECUVNC104ZFV	0.1 16V	1	[M]
C7011	ECUVNC104ZFV	0.1 16V	1	[M]
C7012	ECUVNC104ZFV	0.1 16V	1	[M]
C7013	ECUVNC104ZFV	0.1 16V	1	[M]
C7014	ECUVNC104ZFV	0.1 16V	1	[M]
C7015	ECUVNC104ZFV	0.1 16V	1	[M]
C7016	ECUVNC104ZFV	0.1 16V	1	[M]
C7017	ECUVNC104ZFV	0.1 16V	1	[M]
C7018	ECUVNC104ZFV	0.1 16V	1	[M]
C7019	ECUVNC104ZFV	0.1 16V	1	[M]
C7020	ECUVNC104ZFV	0.1 16V	1	[M]

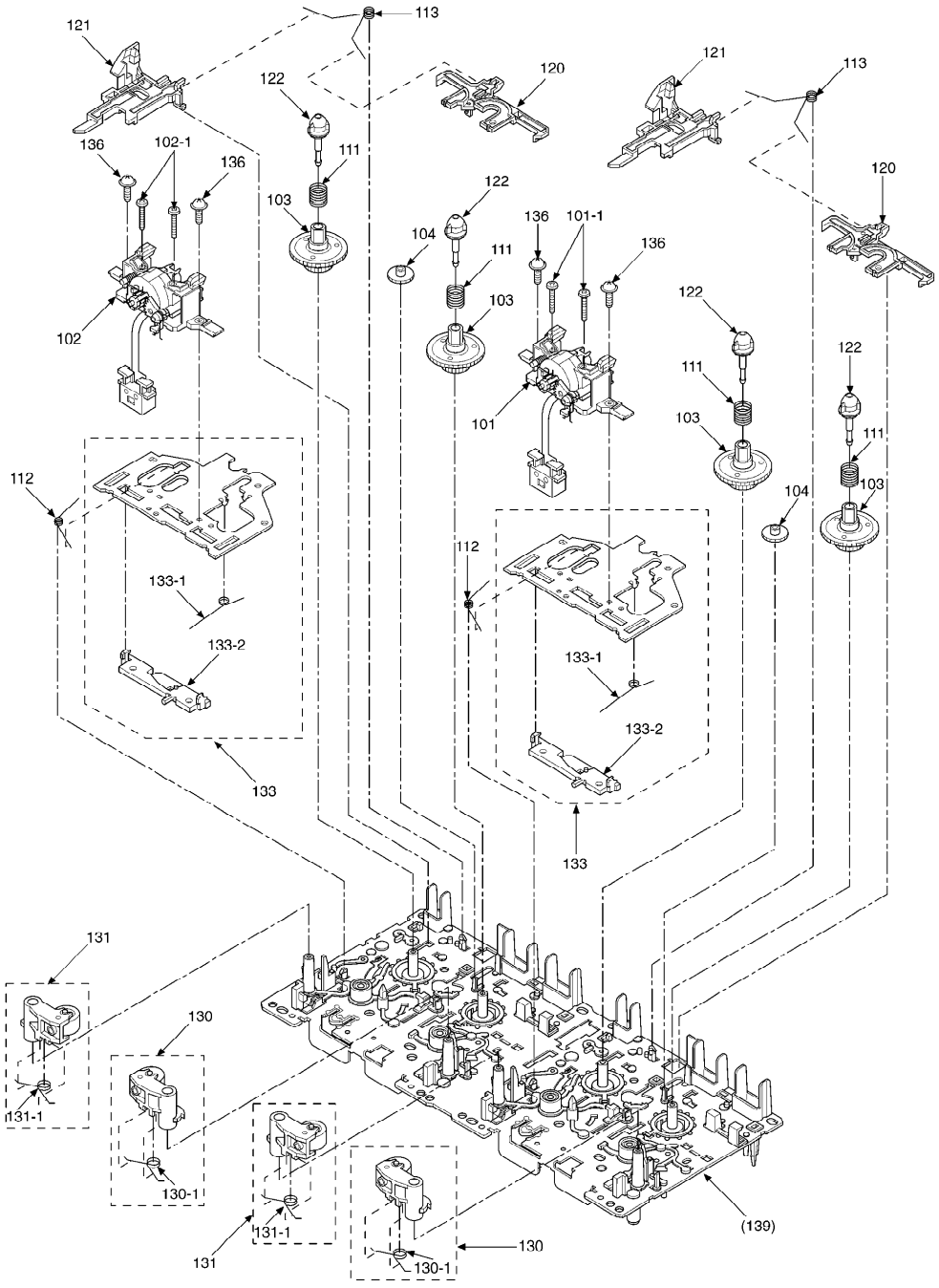
Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C7021	ECUVNC104ZFV	0.1 16V	1	[M]
C7022	ECUVNC104ZFV	0.1 16V	1	[M]
C7023	ECUVNC104ZFV	0.1 16V	1	[M]
C7024	ECUVNC104ZFV	0.1 16V	1	[M]
C7025	ECUVNC104ZFV	0.1 16V	1	[M]
C7026	ECUVNC104ZFV	0.1 16V	1	[M]
C7101	ECUVNC104ZFV	0.1 16V	1	[M]

18. Cabinet Parts Location





19. Mechanism Parts Location


113
121
120
122
111
103
136
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104
101-1
101
112
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133
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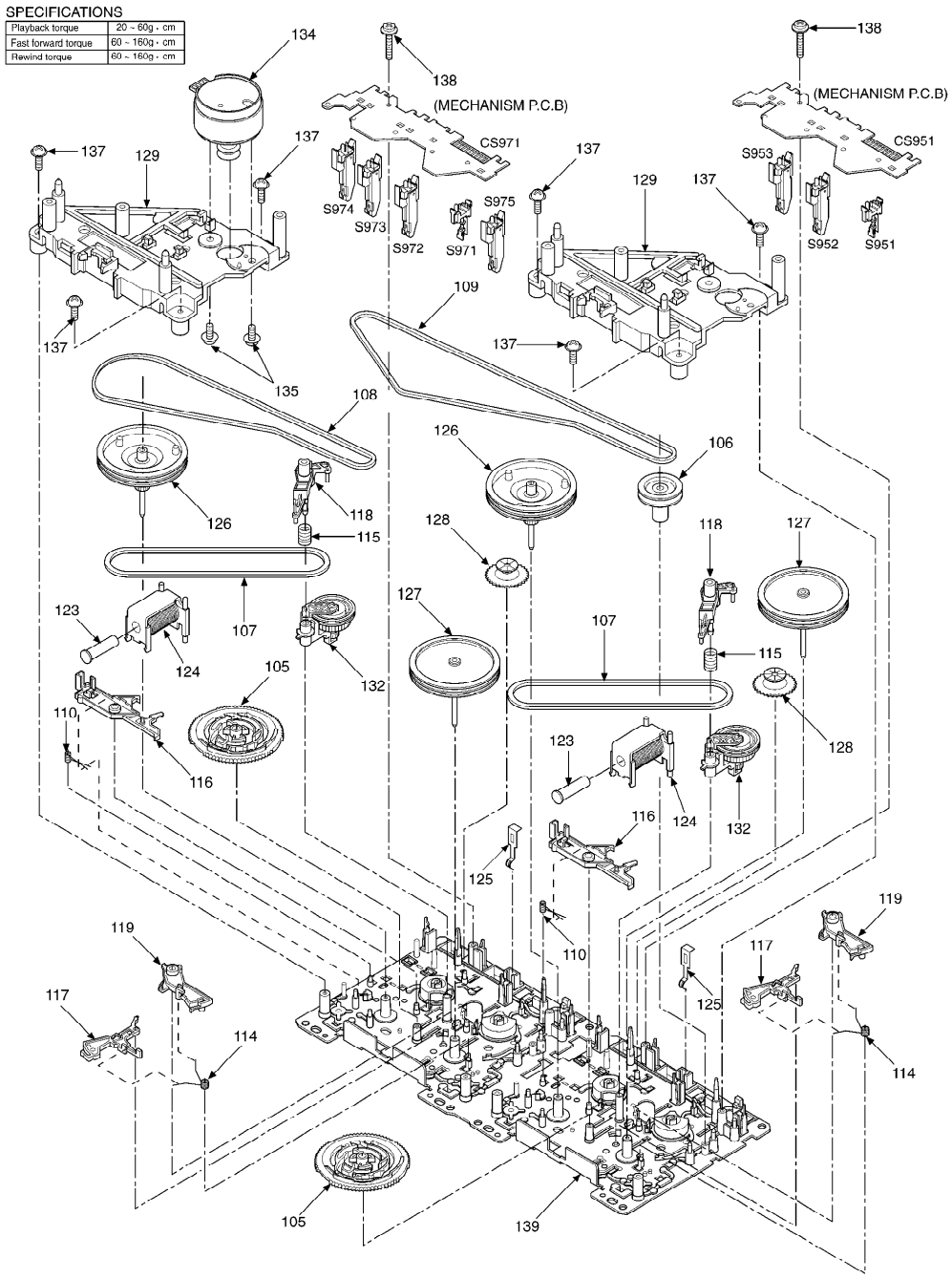
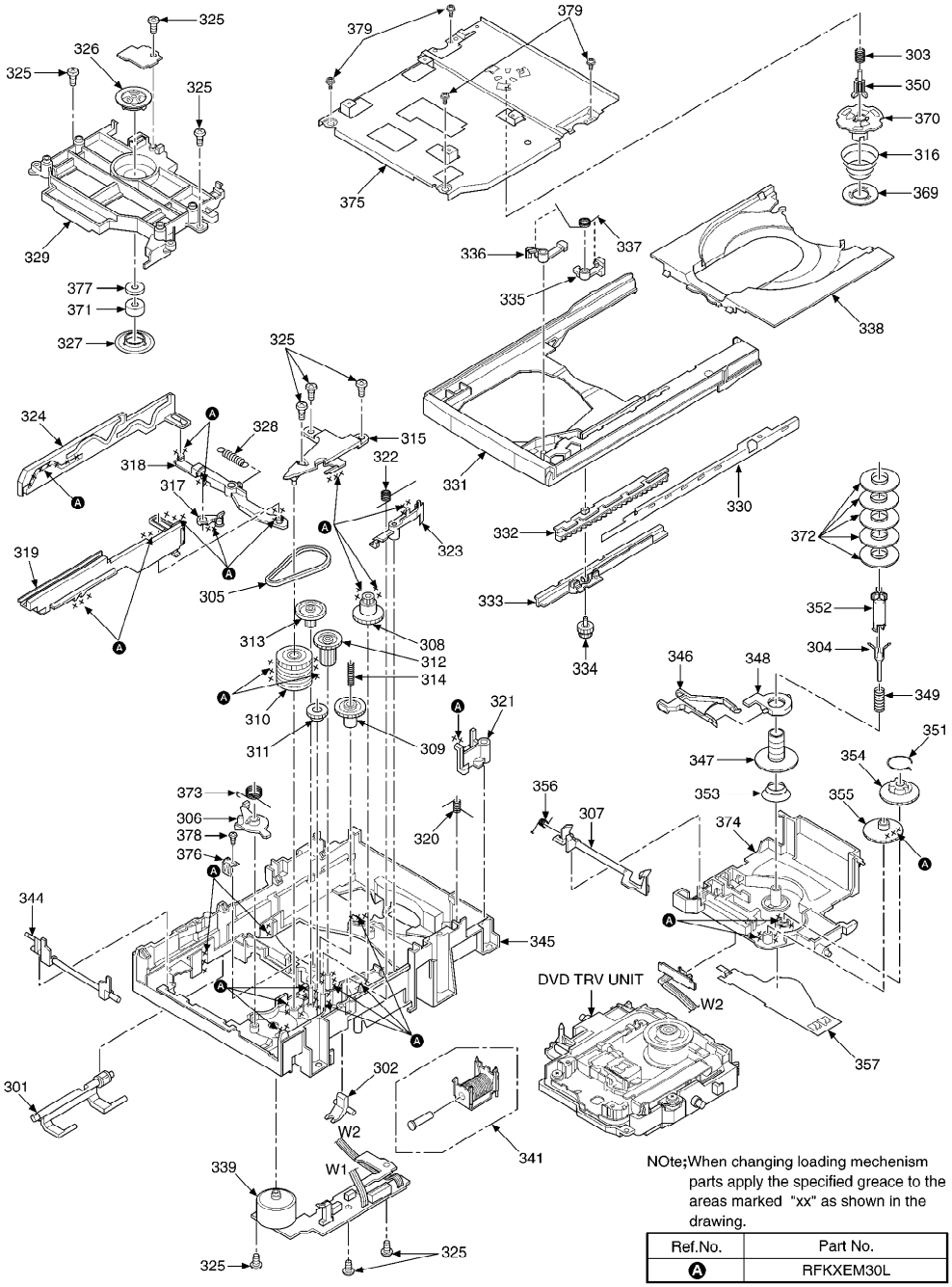
131-1
130
130-1
(139)

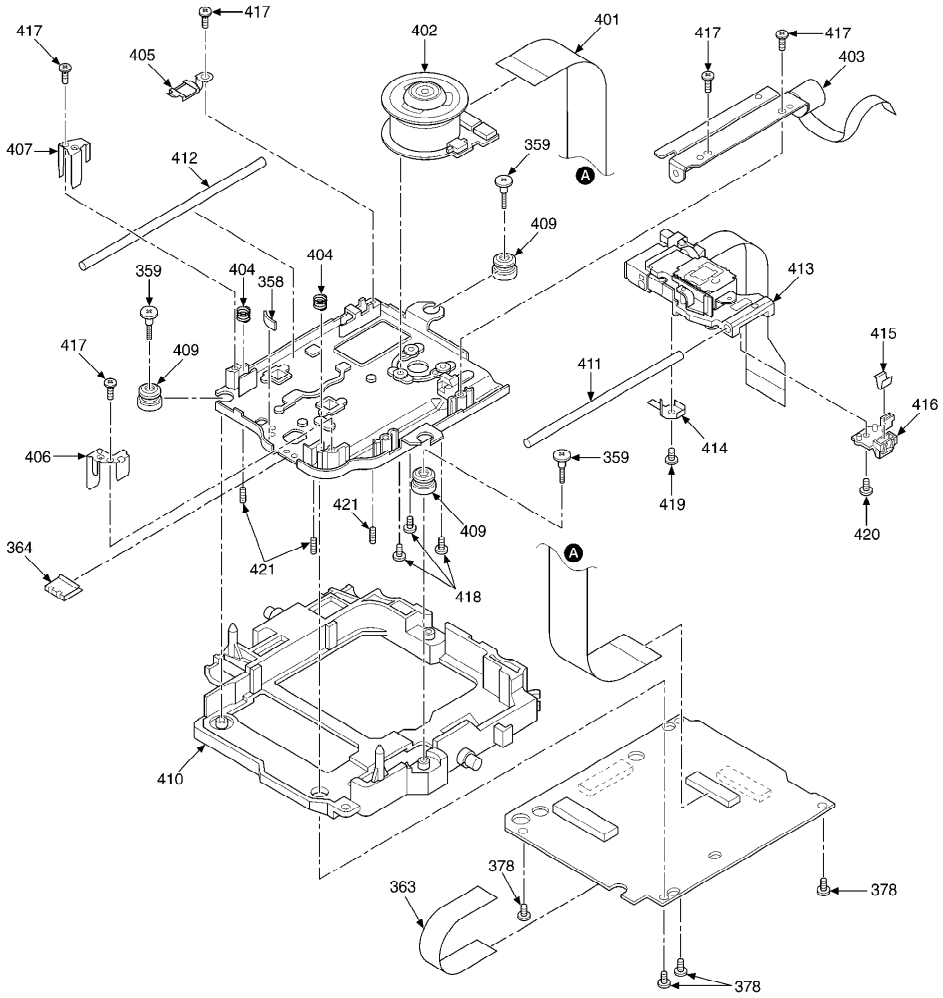


20. CD Mechanism Parts Location

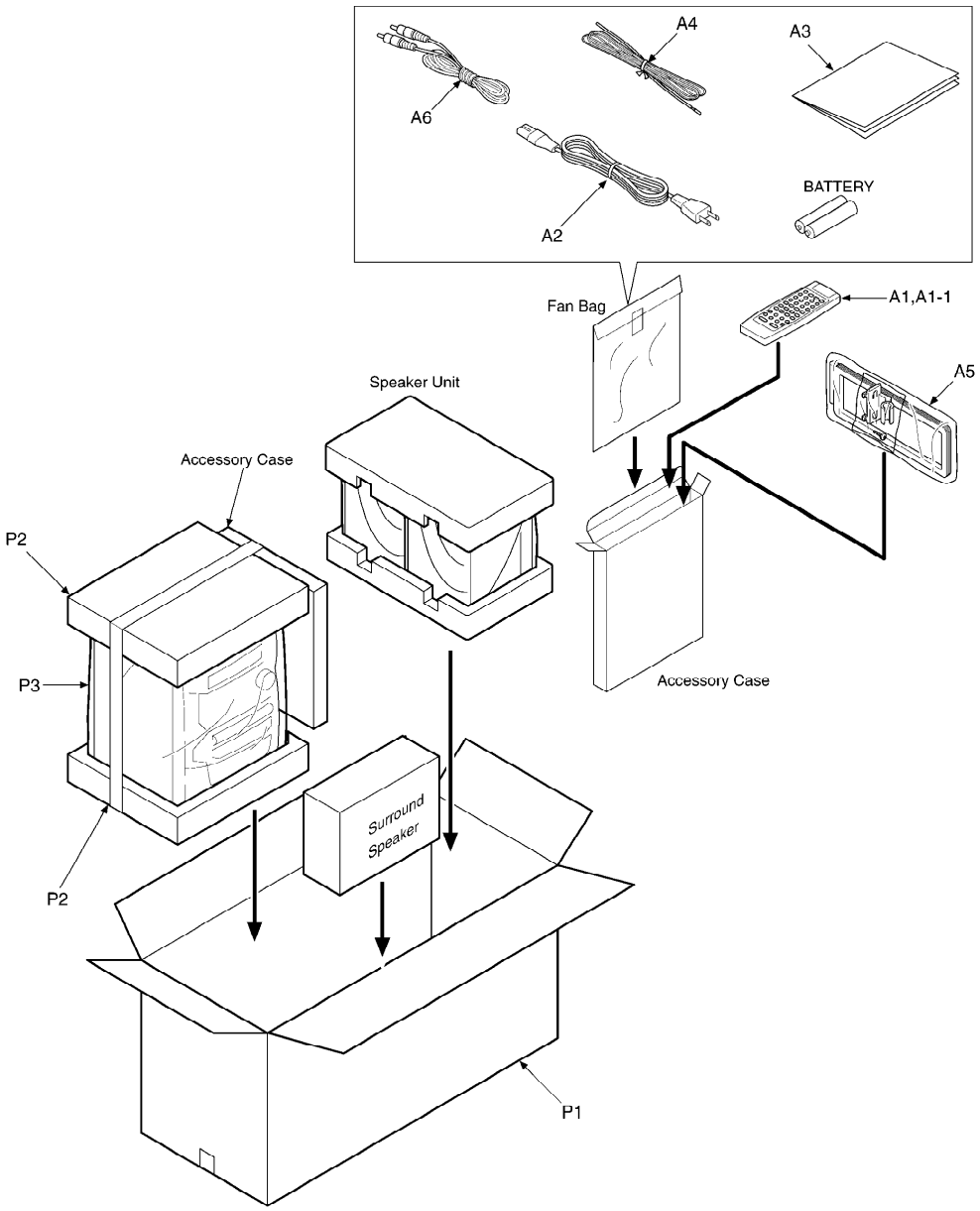


NOte;When changing loading mechenism parts apply the specified greace to the areas marked "xx" as shown in the drawing.

Ref.No.	Part No.
Ⓐ	RFKXEM30L

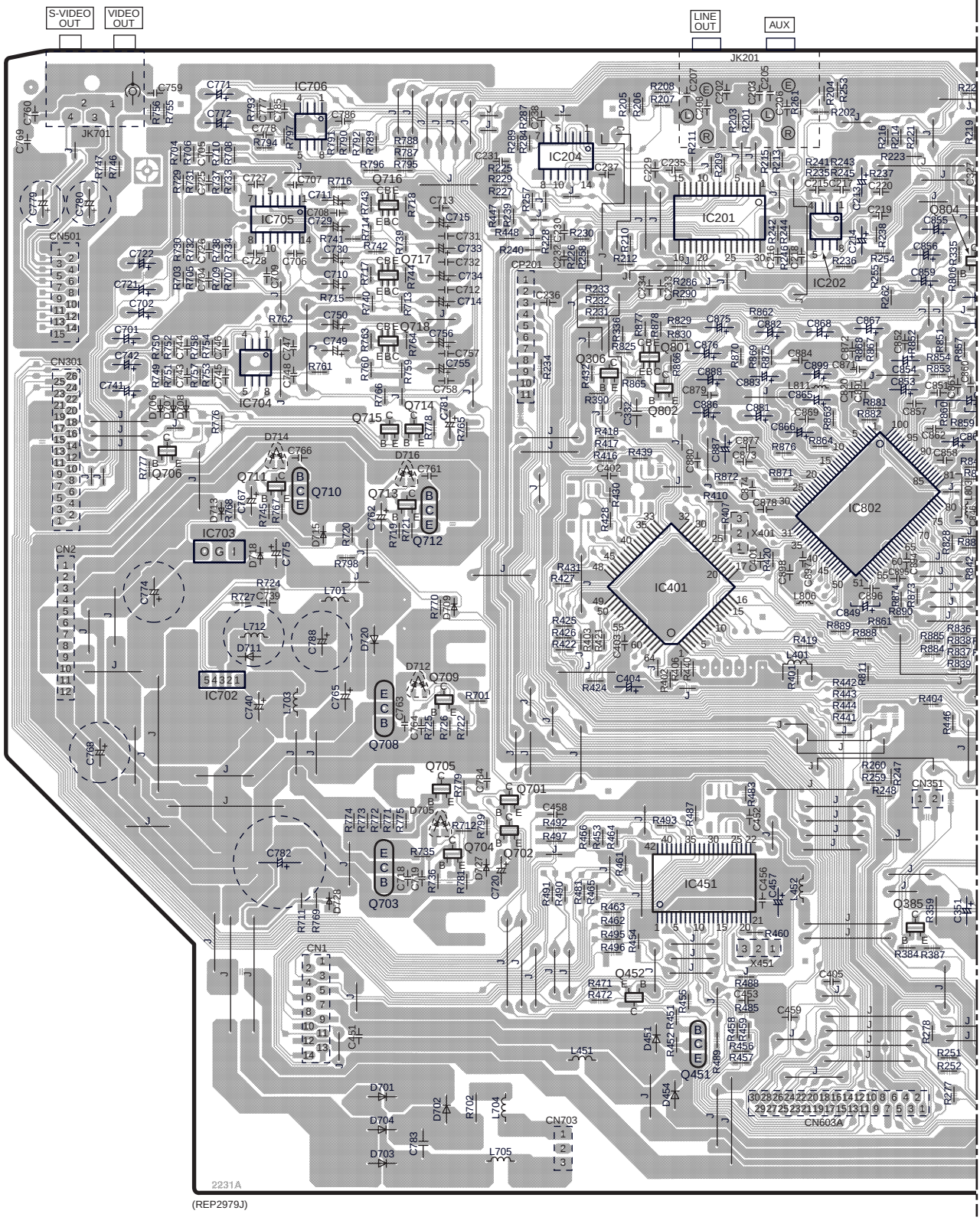


21. Packaging



Printed in Japan (M000500000MT)

C MAIN P.C.B.


S-VIDEO OUT
VIDEO OUT
LINE OUT
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JK701
CN501
CN301
CN1
CN351
CN603A
CN703
IC706
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IC703
IC702
IC204
IC201
IC202
IC802
IC401
IC451
Q716
Q717
Q718
Q715
Q714
Q713
Q712
Q710
Q711
Q706
Q708
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Q705
Q701
Q704
Q702
Q703
Q306
Q801
Q802
Q804
Q385
Q452
Q451
CP201
X401
L701
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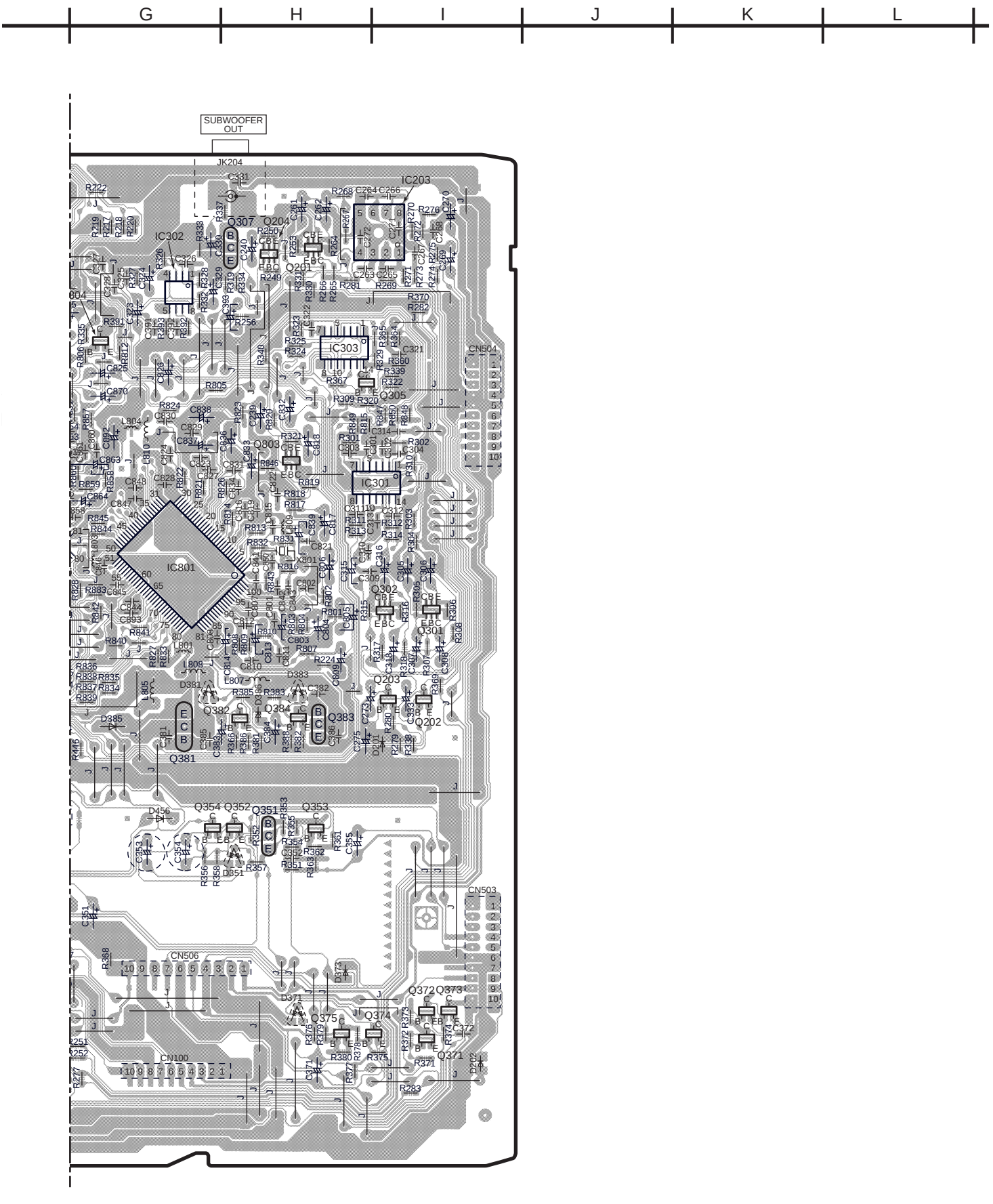
(REP2979J)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H
I
J
K
L
SUBWOOFER OUT
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IC303
IC301
IC801
Q307
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Q201
Q305
Q803
Q302
Q301
Q203
Q202
Q382
Q384
Q383
Q381
Q354
Q352
Q351
Q353
Q372
Q373
Q375
Q374
Q371
CN504
CN503
CN506
CN100

■ ELECTRICAL PARTS LOCATION

Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
C MAIN P.C.B.																			
IC201	2E	D707	3B	R232	3D	R324	3H	R432	3D	R742	3C	R830	3E	C240	2H	C709	3B	C817	4H
IC202	2F	D708	3B	R233	3D	R325	3H	R439	4E	R743	2C	R831	4H	C261	2H	C710	3C	C818	3H
IC203	2I	D709	5C	R234	3D	R326	2G	R440	5E	R744	3C	R832	4H	C262	2H	C711	2C	C819	4H
IC204	2D	D711	5B	R235	2F	R327	2G	R441	5F	R745	4B	R833	5G	C263	2H	C712	3C	C820	3F
IC301	4I	D712	5C	R236	3F	R328	2G	R442	5F	R746	2A	R834	5G	C264	2H	C713	2C	C821	4H
IC302	2G	D713	4B	R237	2F	R329	3I	R443	5F	R747	2A	R835	5G	C265	2I	C714	3C	C822	4H
IC303	3H	D714	4B	R238	2F	R330	2H	R444	5F	R749	3B	R836	5G	C266	2I	C715	2C	C823	3G
IC401	5E	D715	4C	R239	2D	R331	2H	R446	5F	R750	3B	R837	5G	C267	2I	C718	6C	C824	3G
IC451	6E	D716	4C	R240	3D	R332	2G	R447	2D	R751	3B	R838	5G	C268	2I	C719	6C	C825	3G
IC702	5B	D718	4B	R241	2F	R333	2G	R448	2D	R752	3B	R839	5G	C269	2I	C720	6D	C826	3G
IC703	4B	D720	5C	R242	2E	R334	2H	R451	7E	R753	3B	R840	5G	C270	2I	C721	3B	C827	3G
IC704	3B	D727	6D	R243	2F	R335	3F	R452	7E	R754	3B	R841	5G	C271	2I	C722	3B	C828	4G
IC705	2B	D728	6C	R244	2E	R336	3D	R453	6D	R755	2B	R842	4G	C272	2H	C725	2B	C829	3G
IC706	2C	L401	5E	R245	2F	R337	2H	R454	7D	R756	2B	R843	4H	C273	5H	C726	3B	C830	3G
IC801	4G	L451	7D	R246	3E	R338	5I	R455	7E	R757	3B	R844	4G	C275	5H	C727	2B	C831	3H
IC802	4F	L452	6E	R247	6F	R339	3I	R456	7E	R758	3B	R845	4G	C301	3H	C728	3B	C832	3H
Q201	2H	L701	5C	R248	6F	R340	3H	R457	7E	R759	3C	R846	3H	C302	3I	C729	2C	C833	3H
Q202	5I	L703	5B	R249	2H	R351	6H	R458	7E	R760	3C	R847	3I	C303	3H	C730	3C	C834	4H
Q203	5I	L704	8D	R250	2H	R352	6H	R459	7E	R761	3C	R848	3I	C304	3I	C731	2C	C836	3H
Q204	2H	L705	8D	R251	7F	R353	6H	R460	7E	R762	3B	R849	3H	C305	4I	C732	3C	C837	3G
Q301	4I	L712	5B	R252	7F	R354	6H	R461	6D	R763	3C	R850	3I	C306	4I	C733	3C	C838	3G
Q302	4I	L801	5G	R253	2F	R355	6H	R462	7D	R764	3C	R851	3F	C307	5I	C734	3C	C839	4H
Q305	3H	L803	4G	R254	3F	R356	6G	R463	6D	R765	4C	R852	3F	C308	5I	C739	5B	C841	4H
Q306	3D	L804	3G	R255	3F	R357	6H	R464	6D	R766	3C	R853	3F	C309	4H	C740	5B	C842	4H
Q307	2H	L805	5G	R256	2H	R358	6G	R465	6D	R767	4B	R854	3F	C310	4H	C741	3A	C843	4H
Q351	6H	L806	5E	R257	2D	R359	6F	R466	6D	R768	4B	R857	3G	C311	4H	C742	3A	C844	4G
Q352	6H	L807	5H	R258	3D	R360	3I	R471	7D	R769	6C	R858	4G	C312	4I	C743	3B	C845	4G
Q353	6H	L808	5G	R259	6F	R361	6H	R472	7D	R770	5C	R859	4F	C313	4I	C744	3B	C846	4G
Q354	6G	L809	4H	R260	6F	R362	6H	R481	6D	R771	6C	R860	3F	C314	3I	C745	3B	C847	4G
Q371	7I	L810	3G	R261	2E	R363	6H	R483	6E	R772	6C	R861	5F	C315	4H	C746	3B	C848	4G
Q372	7I	L811	3F	R262	3F	R364	3I	R485	7E	R773	6C	R862	3E	C316	4I	C747	3B	C849	5F
Q373	7I	X401	4E	R263	2H	R365	3I	R487	6E	R774	6C	R863	4F	C318	5I	C748	3B	C850	4H
Q374	7I	X451	7E	R264	2H	R366	5H	R488	7E	R775	6C	R864	4F	C321	3I	C749	3C	C851	3F
Q375	7H	X801	4H	R265	2H	R367	3H	R489	7E	R776	4B	R865	3D	C322	3H	C750	3C	C852	3F
Q381	5G	CN1	7C	R266	2H	R368	7G	R490	6D	R777	4B	R866	3E	C323	2G	C755	3C	C853	3F
Q382	5H	CN2	5A	R267	2H	R369	5I	R491	6D	R778	4C	R867	3F	C324	2G	C756	3C	C854	3F
Q383	5H	CN100	7G	R268	2H	R370	2I	R492	6D	R779	6C	R868	3F	C325	2G	C757	3C	C855	2F
Q384	5H	CN301	4A	R269	2I	R371	7I	R493	6E	R781	6C	R869	3E	C326	2G	C758	3C	C856	3F
Q385	7F	CN351	6F	R270	2I	R372	7I	R495	7D	R787	2C	R870	3E	C327	2G	C759	2B	C857	3F
Q451	7E	CN501	3A	R271	2I	R373	7I	R496	7D	R788	2C	R871	4E	C328	2G	C760	2A	C858	4F
Q452	7D	CN503	7I	R272	2I	R374	7I	R497	6D	R789	2C	R872	4E	C329	2G	C761	4C	C859	3F
Q701	6D	CN504	3I	R273	2I	R375	7I	R701	5D	R790	2C	R873	5F	C330	2G	C762	4C	C860	3G
Q702	6D	CN506	7G	R274	2I	R376	7H	R702	8D	R791	2C	R874	5F	C331	2H	C763	5C	C861	3F
Q703	6C	CN603A	8F	R275	2I	R377	7H	R703	3B	R792	2C	R875	3E	C332	4D	C764	5C	C862	4F
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Q705	6C	CP201	3D	R277	7F	R379	7H	R705	3B	R794	2B	R877	3E	C351	6G	C766	4C	C864	4F
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Q708	5C	JK204	2H	R279	5I	R381	5H	R707	3B	R796	2C	R881	3F	C353	6G	C768	5A	C866	4E
Q709	5C	JK701	2A	R280	5I	R382	5H	R708	2B	R797	2B	R882	4F	C354	6G	C769	2A	C867	3F
Q710	4C	R201	2E	R281	2H	R383	5H	R709	3B	R798	4C	R883	4G	C355	6H	C771	2B	C868	3F
Q711	4B	R202	2F	R282	2I	R384	7F	R710	2B	R799	6D	R884	5F	C371	7H	C772	2B	C869	4E
Q712	4C	R203	2E	R283	8I	R385	5H	R711	6C	R801	4H	R885	5F	C372	7I	C774	5B	C870	3G
Q713	4C	R204	2F	R284	2D	R386	5H	R712	6C	R802	4H	R888	5F	C381	5G	C775	4B	C871	3F
Q714	4C	R205	2D	R286	3E	R387	7F	R713	3C	R803	4H	R889	5F	C382	5H	C777	2B	C872	3F
Q715	4C	R206	2E	R287	2D	R388	5H	R714	2C	R804	4H	R890	5F	C383	5G	C778	2B	C873	4E
Q716	2C	R207	2E	R289	2D	R390	3D	R715	3C	R805	3G	C202	2E	C384	5H	C779	2A	C874	4E
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Q718	3C	R209	2E	R301	3H	R392	3G	R717	3C	R807	5H	C205	2E	C386	5H	C781	4C	C876	3E
Q801	3E	R210	2D	R302	3I	R393	3G	R718	2C	R808	5H	C206	2E	C391	3G	C782	6B	C877	4E
Q802	3E	R211	2E	R303	4I	R401	5E	R719	4C	R809	5H	C207	2E	C392	3G	C783	8C	C878	4E
Q803	3H	R212	3D	R304	4I	R402	5E	R720	4C	R810	5H	C208	2E	C393	2H	C784	6D	C879	3E
Q804	3G	R213	2E	R305	4I	R403	5D	R721	4C	R811	5F	C213	2F	C401	4E	C785	2B	C880	4E
D201	5I	R214	2F	R306	4I	R404	5F	R722	5C	R812	3G	C214	2F	C402	4D	C786	2C	C881	4E
D202	7I	R215	2E	R307	5I	R406	5E	R724	5B	R813	4H	C215	2F	C403	5D	C788	5C	C882	3E
D351	6H	R216	2F	R308	5I	R407	4E	R725	5C	R814	4H	C216	3E	C404	5D	C801	4H	C883	3E
D371	7H	R217	2G	R309	3H	R410	4E	R726	5C	R815	3H	C217	2F	C405	7F	C802	4H	C884	3E
D373	7H	R218	2G	R310	3I	R416	4D	R727	5B	R816	4H	C218	3E	C451	7C	C803	5H	C886	3E
D381	5G	R219	2G	R311	4H	R417	4D	R729	2B	R817	4H	C219	2F	C452	6E	C804	5H	C887	4E
D383	5H	R220	2G	R312	4I	R418	4D	R730	3B	R818	4H	C220	2F	C453	7E	C805	4H	C888	3E
D385	5G	R221	2F	R313	4H	R419	5E	R731	2B	R819	4H	C229	2E	C456	6E	C806	4H	C891	3F
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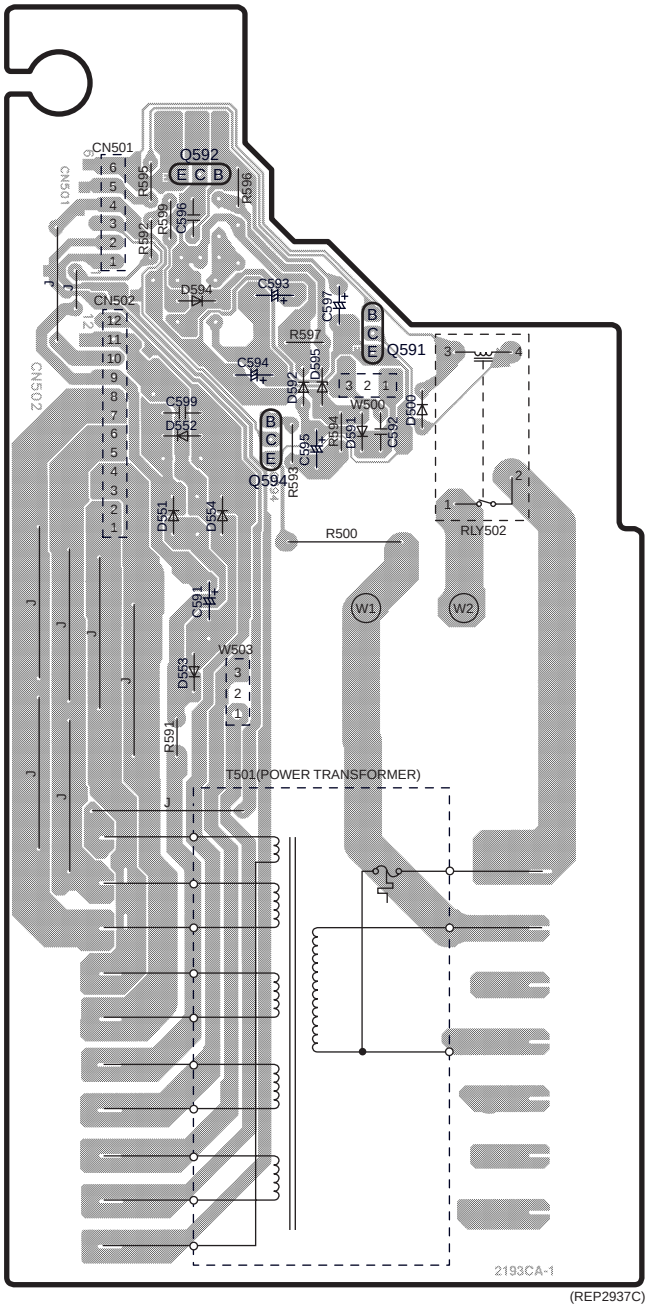
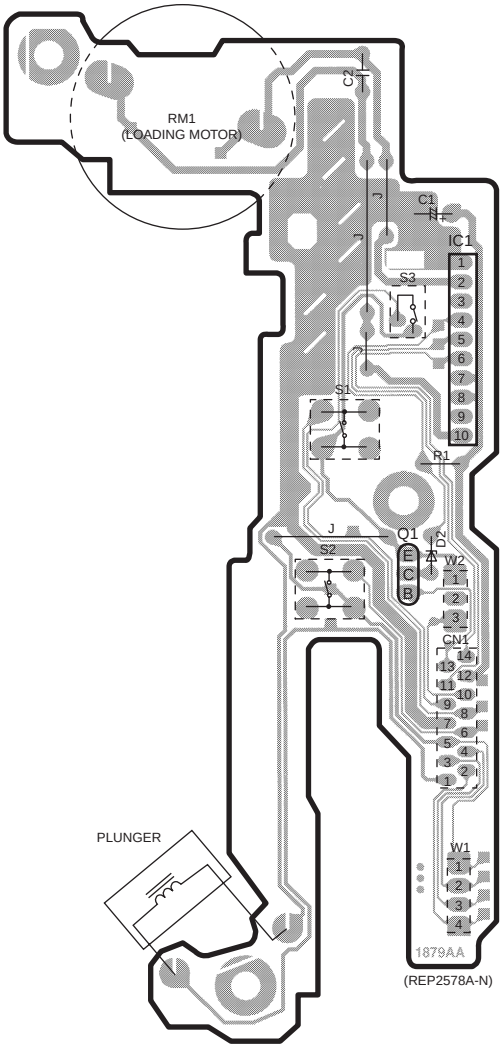
D451	7E	R223	2F	R315	4H	R421	5D	R733	2B	R821	4G	C231	2D	C458	6D	C808	5G	C893	4G
D454	8E	R224	5H	R316	4I	R422	5D	R734	3B	R822	4G	C232	3D	C459	7E	C809	5H	C894	4F
D456	6G	R225	2D	R317	5I	R424	5D	R735	6C	R823	3H	C233	3E	C701	3A	C810	5H	C895	4F
D701	8C	R226	3D	R318	5I	R425	5D	R736	6C	R824	3G	C234	3E	C702	3B	C811	5H	C896	5F
D702	8C	R227	2D	R319	2H	R426	5D	R737	2B	R825	3D	C235	2E	C704	3B	C812	4H	C897	4E
D703	8C	R228	2D	R320	3H	R427	5D	R738	3B	R826	4H	C236	3D	C705	2B	C813	5H	C898	4E
D704	8C	R229	2D	R321	3H	R428	4D	R739	2C	R827	5G	C237	2D	C706	3B	C814	5H	C899	3F
D705	6C	R230	2D	R322	3I	R430	4D	R740	3C	R828	4F	C238	2D	C707	2B	C815	4H		
D706	3B	R231	3D	R323	3H	R431	4D	R741	2C	R829	3E	C239	3H	C708	2C	C816	4H		

P POWER TRANSFORMER P.C.B.



(REP2937C)

K LOADING MOTOR P.C.B.

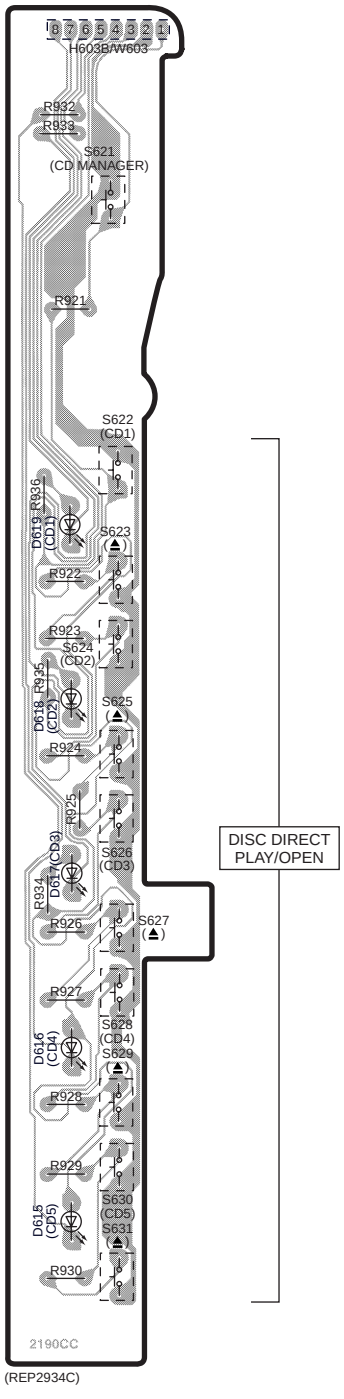


(REP2578A-N)

■ ELECTRICAL PARTS LOCATION

Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
P POWER TORANSFORMER P.C.B.							
Q591	3C	D594	2B	R500	4B	C592	3C
Q592	2B	D595	3B	R591	4B	C593	2B
Q594	3B	T501	6B	R592	2B	C594	3B
D500	3C	RLY502	3C	R593	3B	C595	3B
D551	3B	CN501	2A	R594	3B	C596	2B
D552	3B	CN502	3A	R595	2B	C597	3B
D553	4B	W1	4C	R596	2B	C599	3B
D554	3B	W2	4C	R597	3B		
D591	3B	W500	3C	R599	2B		
D592	3B	W503	4B	C591	4B		
K LOADING MOTOR P.C.B.							
IC1	3F	S2	4E	W2	4F	C2	2F
Q1	4F	S3	3F	RM1	2E		
D2	4F	CN1	4F	R1	3F		
S1	3F	W1	5F	C1	2F		

H OPERATION (1) P.C.B.



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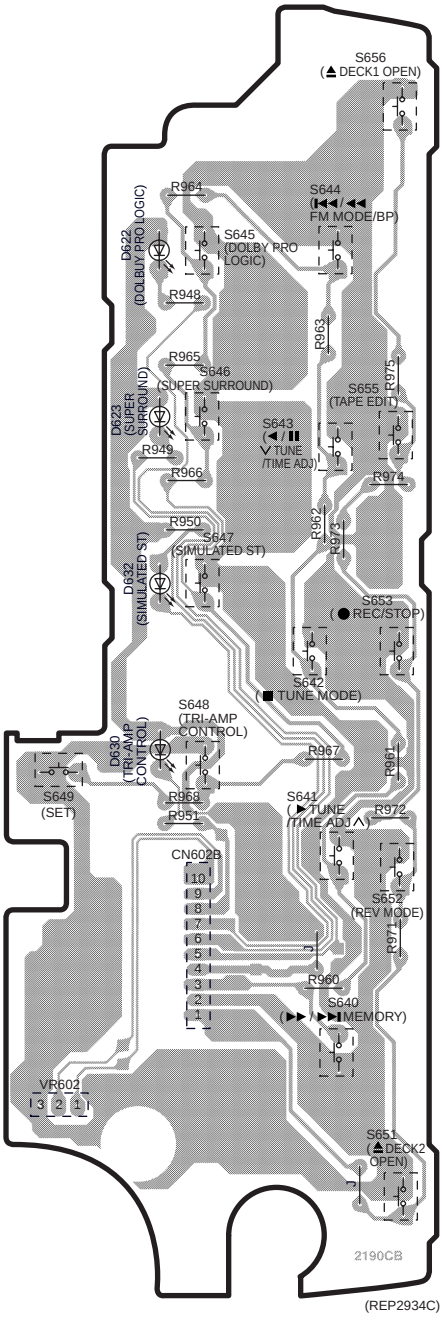
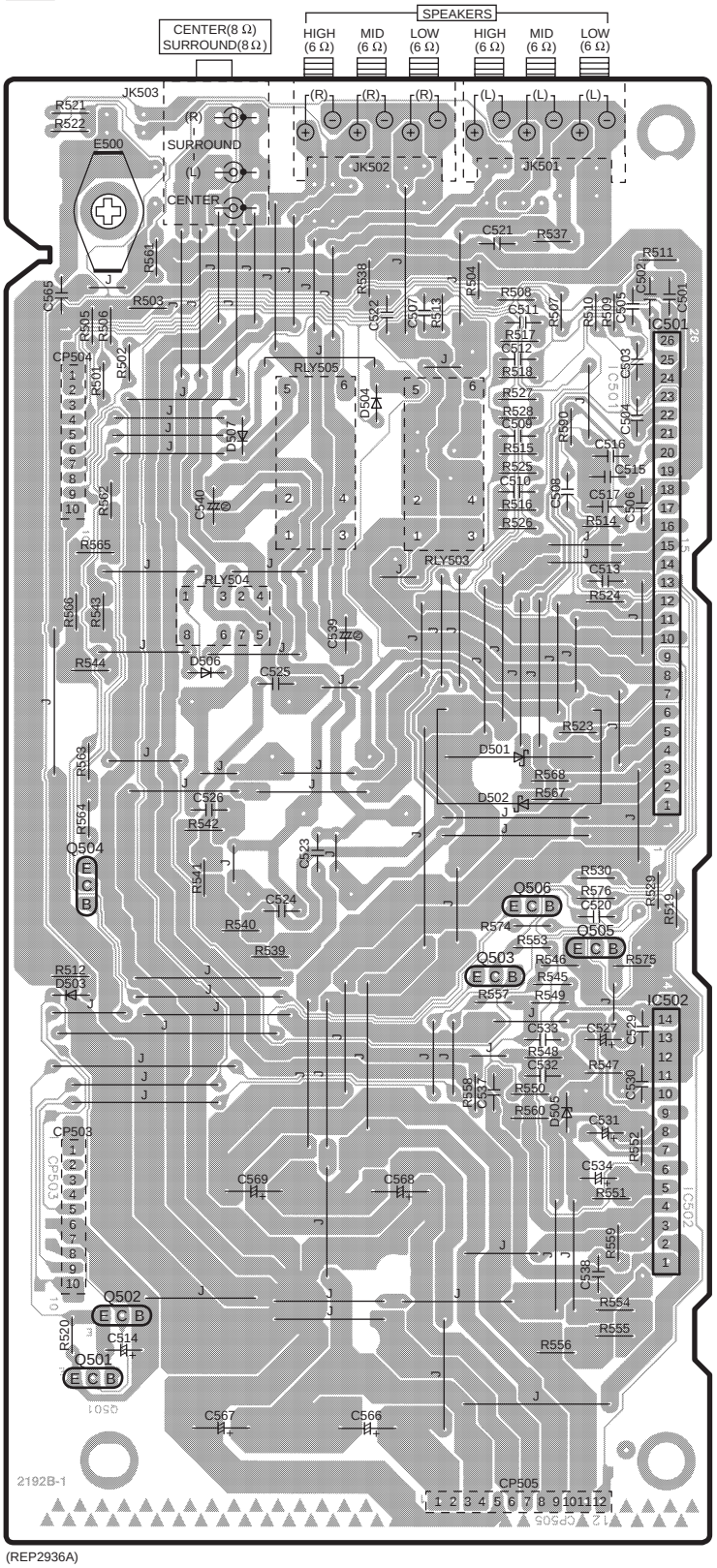


■ ELECTRICAL PARTS LOCATION

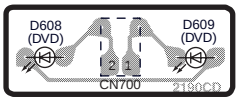
Ref. No.	Lo. No.	Ref. No.	Lo. No.
H OPERATION(1) P.C.B.			
D615	7A	R932	2A
D616	6A	R933	2A
D617	5A	R934	5A
D618	4A	R935	4A
D619	4A	R936	3A
H603B/W603	1A	S621	2A
R921	3A	S622	3A
R922	4A	S623	4A
R923	4A	S624	4A
R924	5A	S625	5A
R925	5A	S626	5A
R926	5A	S627	5A
R927	6A	S628	6A
R928	6A	S629	6A
R929	6A	S630	6A
R930	7A	S631	7A
I OPERATION(2) P.C.B.			
D622	2C	CN602B	5D
D623	3C	R948	3C
D630	5C	R949	3C
D632	4C	R950	4C
VR602	6C	R951	5C
S640	6D	R960	6D
S641	5D	R961	5D
S642	4D	R962	4D
S643	3D	R963	3D
S644	2D	R964	2C
S645	2D	R965	3C
S646	3D	R966	3C
S647	4D	R967	5D
S648	5D	R968	5C
S649	5C	R971	5D
S651	7D	R972	5D
S652	5D	R973	4D
S653	4D	R974	3D
S655	3D	R975	3D
S656	2D		

N POWER AMP P.C.B.



(REP2936A)

G LED P.C.B.

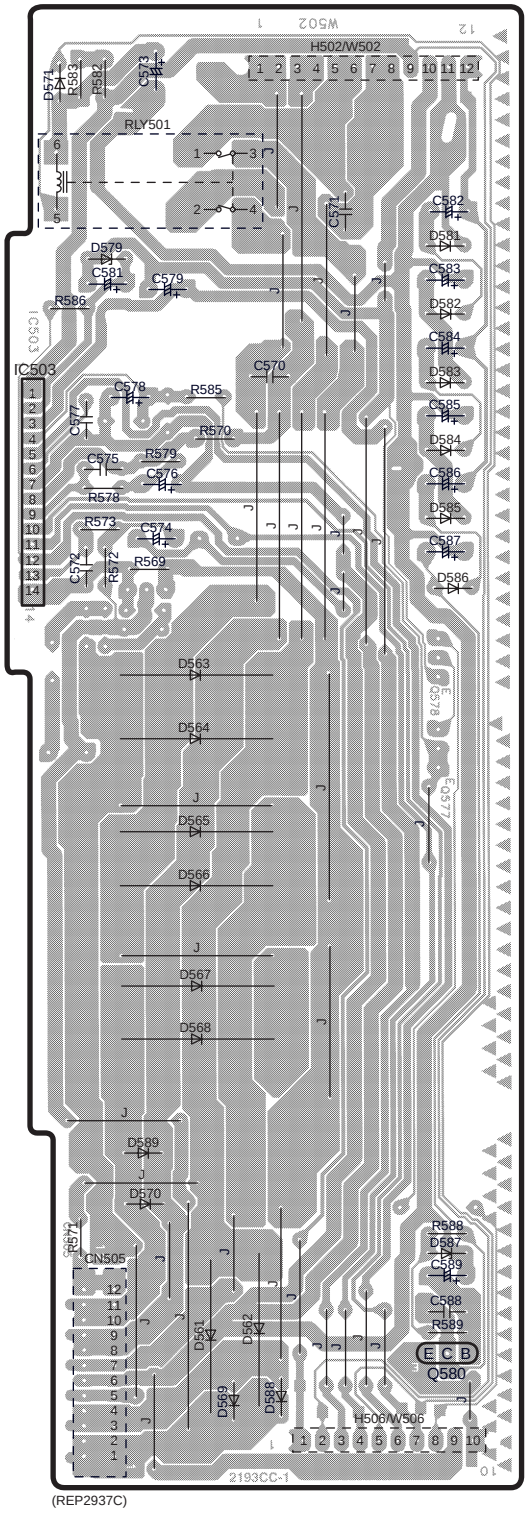


(REP2934C)

■ELECTRICAL PARTS LOCATION

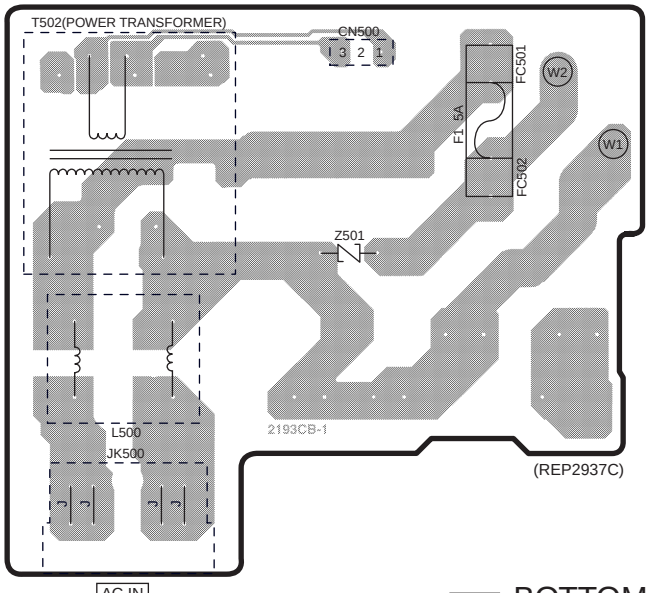
Ref. No.	Lo. No.	Ref. No.	Lo. No.
N POWER AMP P.C.B.			
IC501	4D	R548	6C
IC502	6D	R549	6C
Q501	7A	R550	6C
Q502	7A	R551	7D
Q503	6C	R552	6D
Q504	5A	R553	5C
Q505	5D	R554	7D
Q506	5C	R555	7D
D501	4C	R556	7C
D502	5C	R557	6C
D503	6A	R558	6C
D504	4A	R559	7D
D505	6C	R560	6C
D506	4B	R561	2A
D507	3B	R562	3A
RLY503	3C	R563	5A
RLY504	4B	R564	5A
RLY505	3B	R565	4A
CP503	7A	R566	4A
CP504	3A	R567	5C
CP505	8C	R568	5C
JK501	2C	R574	5C
JK502	2C	R575	6D
JK503	2B	R576	5D
E500	2A	R590	3C
R501	3A	C501	2D
R502	3A	C502	2D
R503	2A	C503	3D
R504	2C	C504	3D
R505	3A	C505	2D
R506	3A	C506	3D
R507	2C	C507	3C
R508	2C	C508	3C
R509	2D	C509	3C
R510	2D	C510	3C
R511	2D	C511	3C
R512	6A	C512	3C
R513	2C	C513	4D
R514	3D	C514	7A
R515	3C	C515	3D
R516	3C	C516	3D
R517	3C	C517	3D
R518	3C	C520	5D
R519	5D	C521	2C
R520	7A	C522	3C
R521	2A	C523	5B
R522	2A	C524	5B
R523	4C	C525	4B
R524	4D	C526	5B
R525	3C	C527	6D
R526	4C	C529	6D
R527	3C	C530	6D
R528	3C	C531	6D
R529	5D	C532	6C
R530	5D	C533	6C
R537	2C	C534	7D
R538	2B	C537	6C
R539	6B	C538	7D
R540	5B	C539	4B
R541	5B	C540	3B
R542	5B	C565	2A
R543	4A	C566	8B
R544	4A	C567	8B
R545	6C	C568	7C
R546	6C	C569	7B
R547	6D		
G LED P.C.B.			
D608	2E	CN700	2E
D609	2F		

O POWER SUPPLY P.C.B.



(REP2937C)

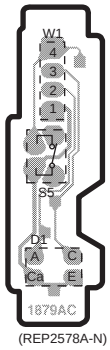
Q AC IN P.C.B.



(REP2937C)

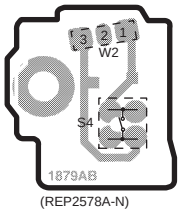
AC IN
(120V 60Hz)

M BOTTOM SW P.C.B.



(REP2578A-N)

L CLAMP SW P.C.B.



(REP2578A-N)

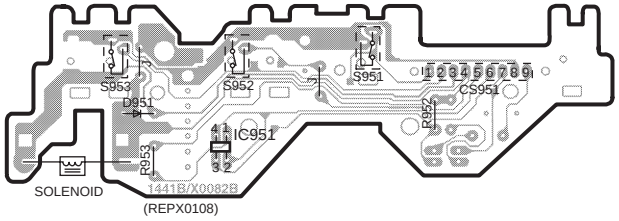
■ELECTRICAL PARTS LOCATION

Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
O POWER SUPPLY P.C.B.							
IC503	3A	D582	3C	R572	4A	C575	3A
Q580	7C	D583	3C	R573	4A	C576	3A
D561	7B	D584	3C	R578	3A	C577	3A
D562	7B	D585	3C	R579	3A	C578	3A
D563	4B	D586	4C	R582	2A	C579	2A
D564	4B	D587	7C	R583	2A	C581	2A
D565	5B	D588	7B	R585	3B	C582	2C
D566	5B	D589	6A	R586	3A	C583	2C
D567	6B	RLY501	2A	R588	7C	C584	3C
D568	6B	CN505	7A	R589	7C	C585	3C
D569	7B	H502/W502	1B	C570	3B	C586	3C
D570	7A	H506/W506	8B	C571	2B	C587	4C
D571	2A	R569	4A	C572	4A	C588	7C
D579	2A	R570	3B	C573	2A	C589	7C
D581	2C	R571	7A	C574	4A		
Q AC IN P.C.B.							
L500	3D	F1	2E	FC501	1F	W2	1F
T502	1D	CN500	1E	FC502	2F		
Z501	2E	JK500	3D	W1	2F		
M BOTTOM SW P.C.B.							
D1	5F	S5	5F	W1	4F		
L CLAMP SW P.C.B.							
S4	5D	W2	5D				

■ ELECTRICAL PARTS LOCATION

Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
F MECHANISM P.C.B. (DECK 1)															
IC951 D951	3B 3A	S951	3B	S952	3B	S953	3A	CS951	3C	R952	3C	R953	3A		
E MECHANISM P.C.B. (DECK 2)															
IC971 D971	3E 3D	Z971 S971	3E 3E	S972 S973	3E 3D	S974	3D	S975	3F	CS971	3F	R972	3F	R973	3D

F MECHANISM P.C.B. (DECK1)

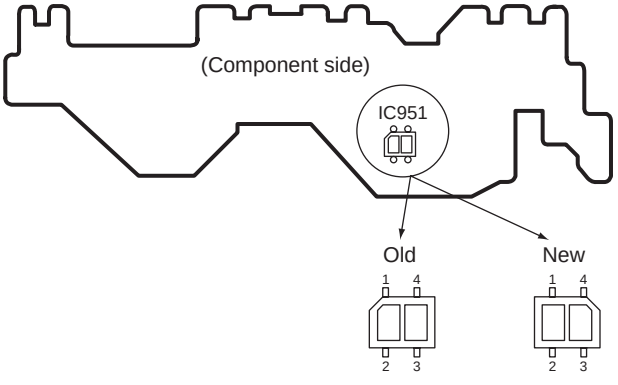


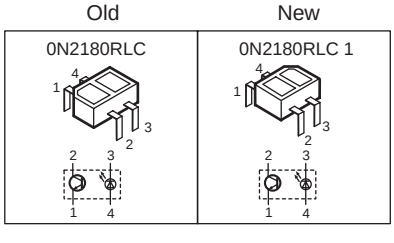
(REPX0108)

Note for IC951 replacement

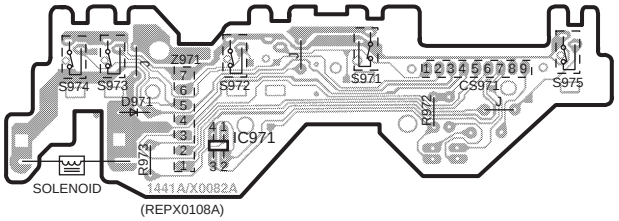
- Two different types (old or new) parts are mounted on P.C.B. as for IC951.
- When servicing, care to replace the parts due to those shape.
- Replacement procedures

	Parts No.	Direction	Remarks
Old	0N2180RLC	Mount the parts on given position. (Printed pattern on P.C.B.)	Refer to the figure below.
New	0N2180RLC1 ≈	Mount the parts so the cut corner is located upper right.	





E MECHANISM P.C.B. (DECK2)

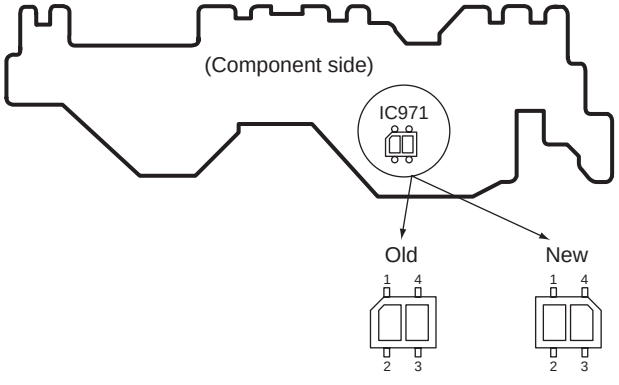


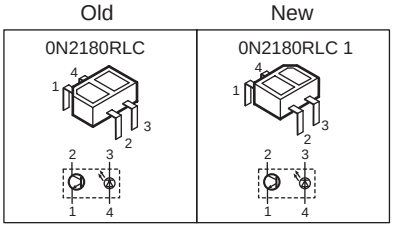
(REPX0108A)

Note for IC971 replacement

- Two different types (old or new) parts are mounted on P.C.B. as for IC971.
- When servicing, care to replace the parts due to those shape.
- Replacement procedures

	Parts No.	Direction	Remarks
Old	0N2180RLC	Mount the parts on given position. (Printed pattern on P.C.B.)	Refer to the figure below.
New	0N2180RLC1 ≈	Mount the parts so the cut corner is located upper right.	

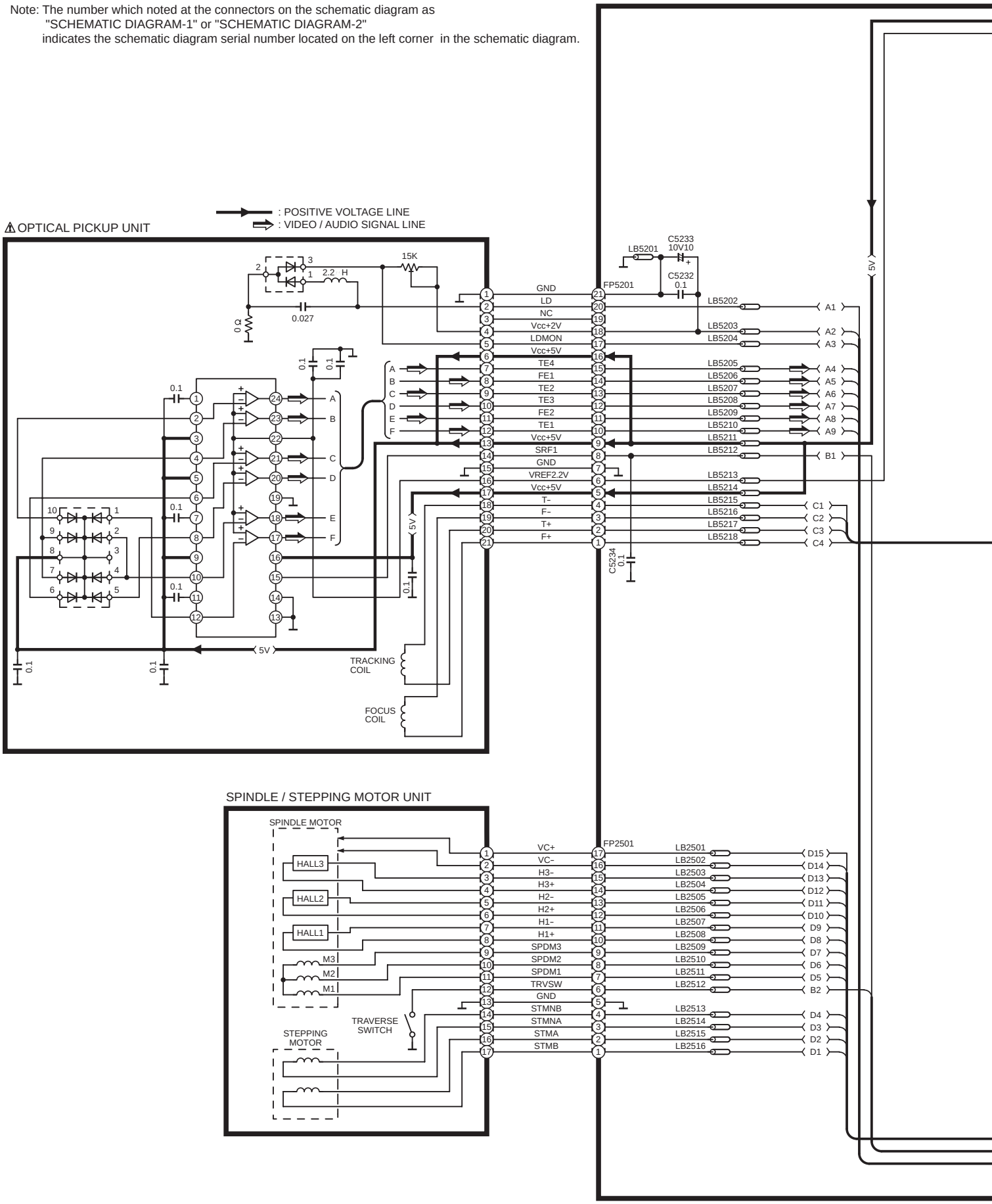




SCHEMATIC DIAGRAM-1

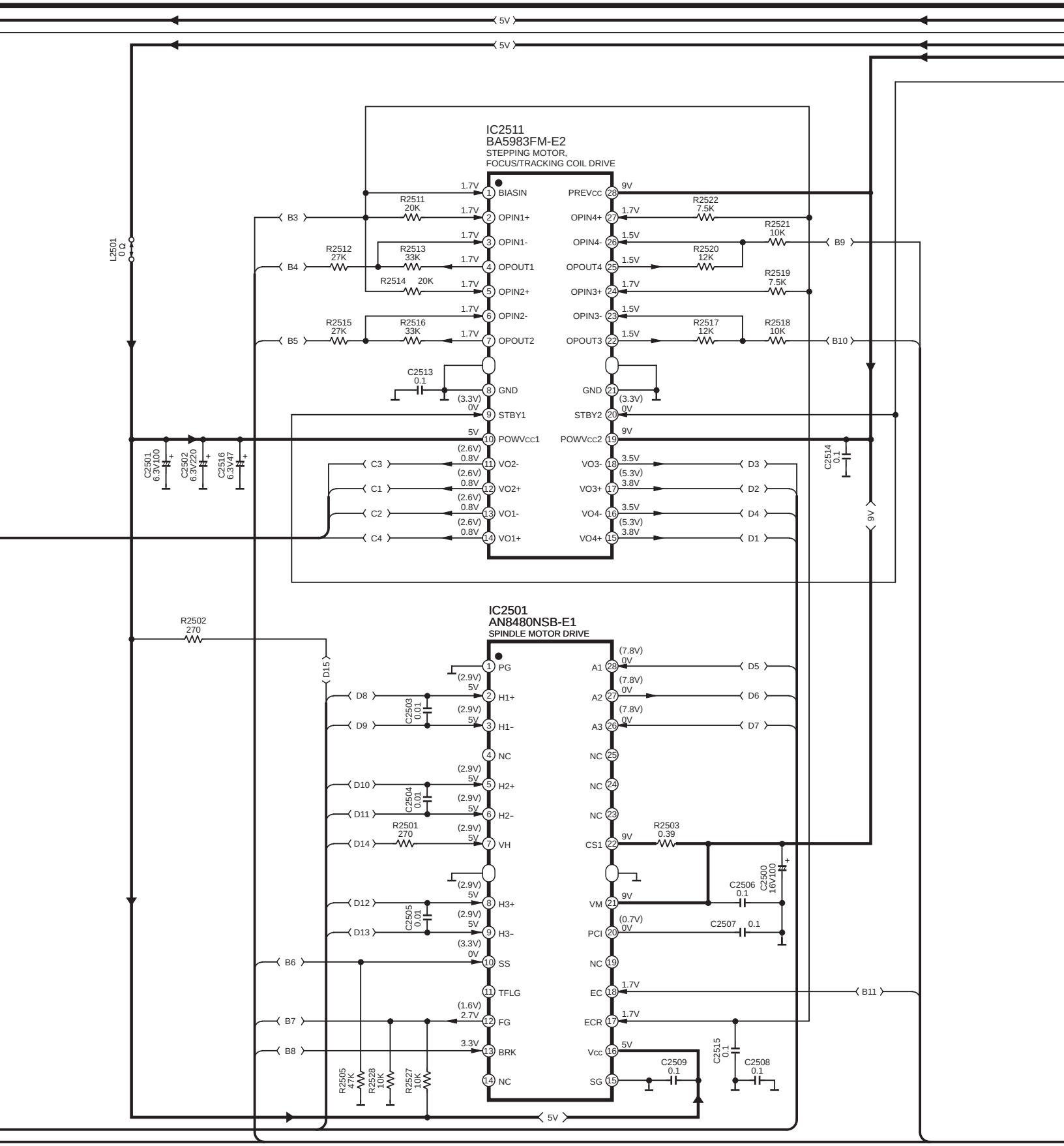
Note: The number which noted at the connectors on the schematic diagram as
"SCHEMATIC DIAGRAM-1" or "SCHEMATIC DIAGRAM-2"
indicates the schematic diagram serial number located on the left corner in the schematic diagram.

A DVD MODULE(2) CIRCUIT



SCHEMATIC DIAGRAM-2

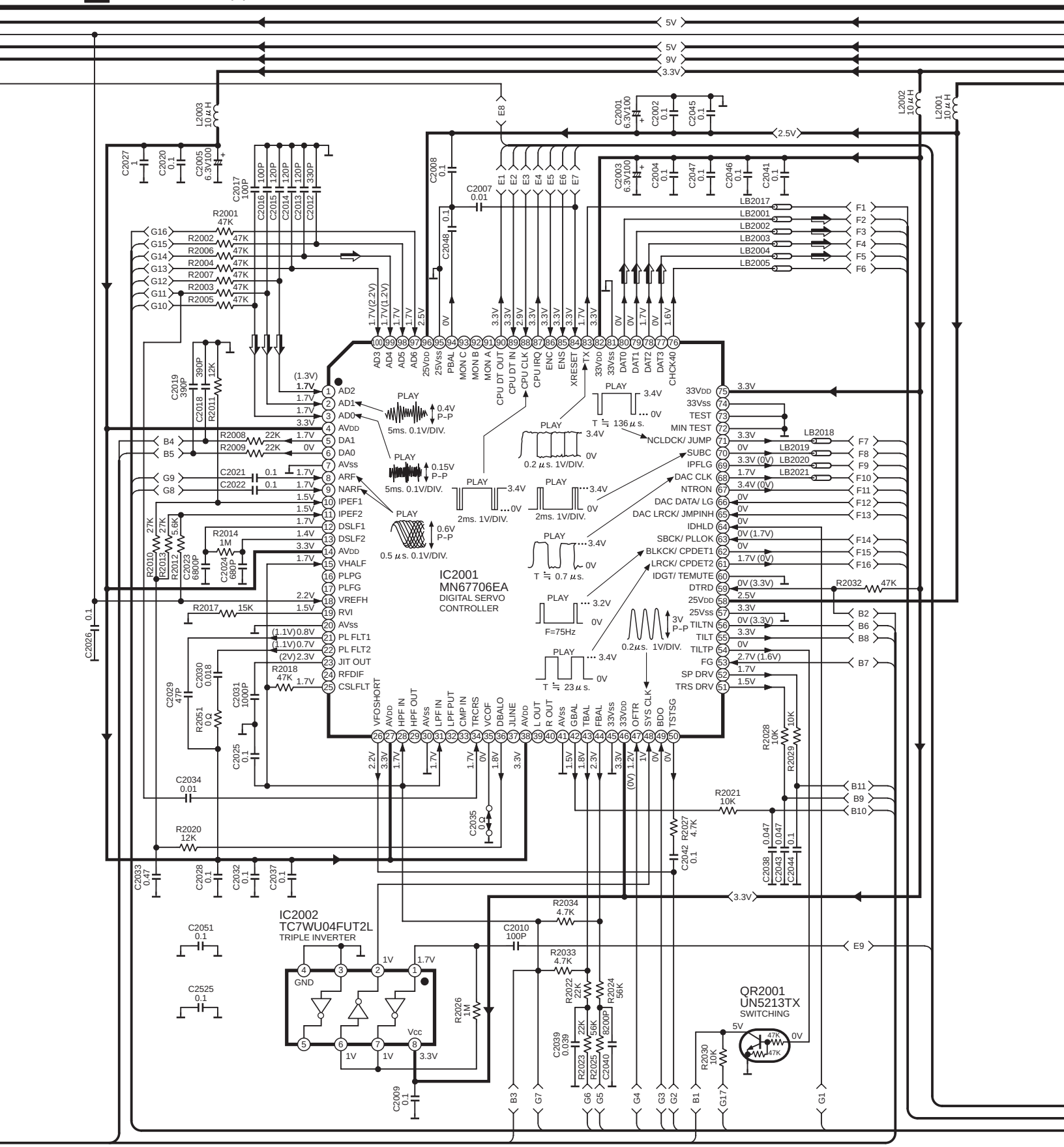
: POSITIVE VOLTAGE LINE



SCHEMATIC DIAGRAM-3

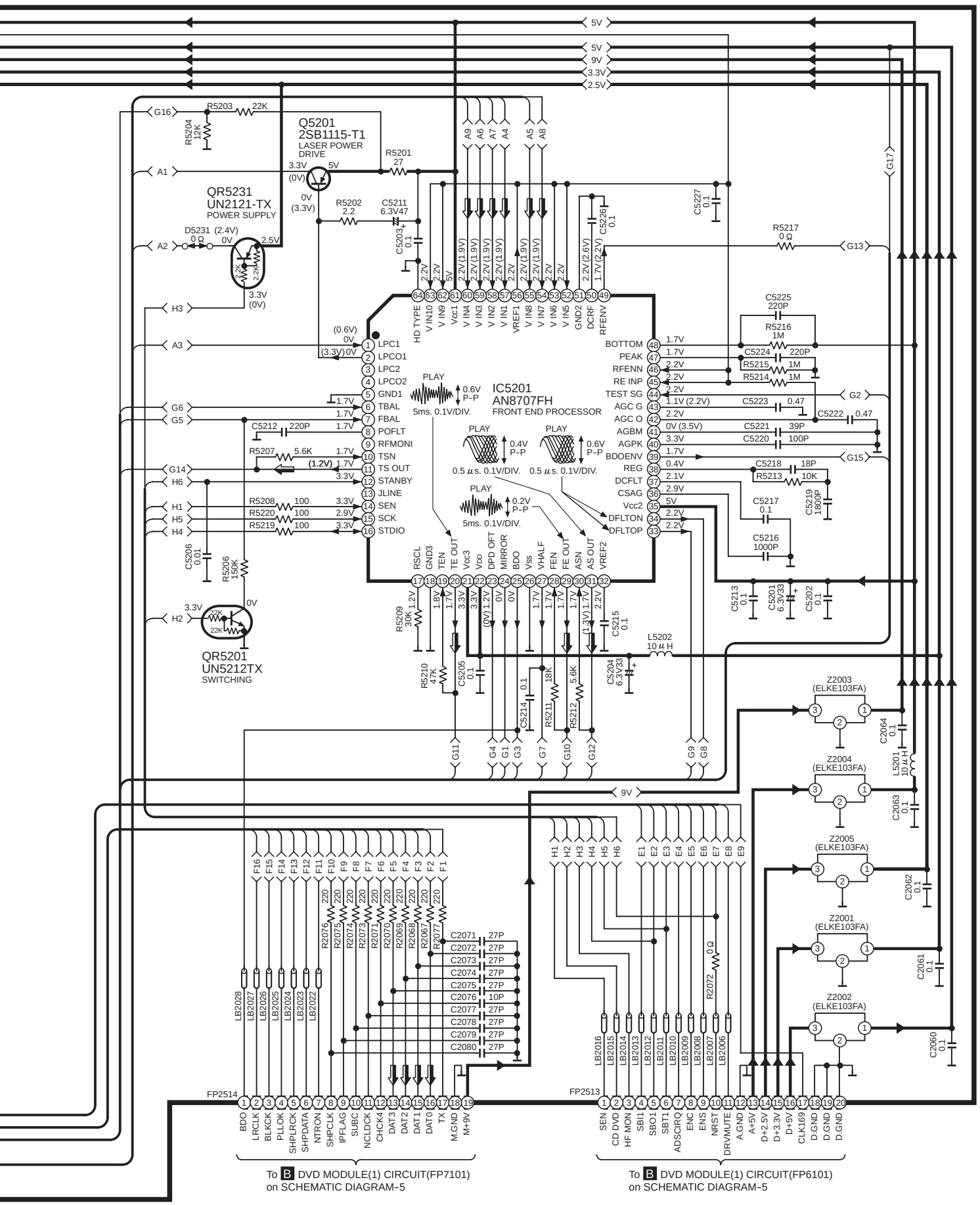
A DVD MODULE(2) CIRCUIT

: POSITIVE VOLTAGE LINE : VIDEO / AUDIO SIGNAL LINE



SCHEMATIC DIAGRAM-4

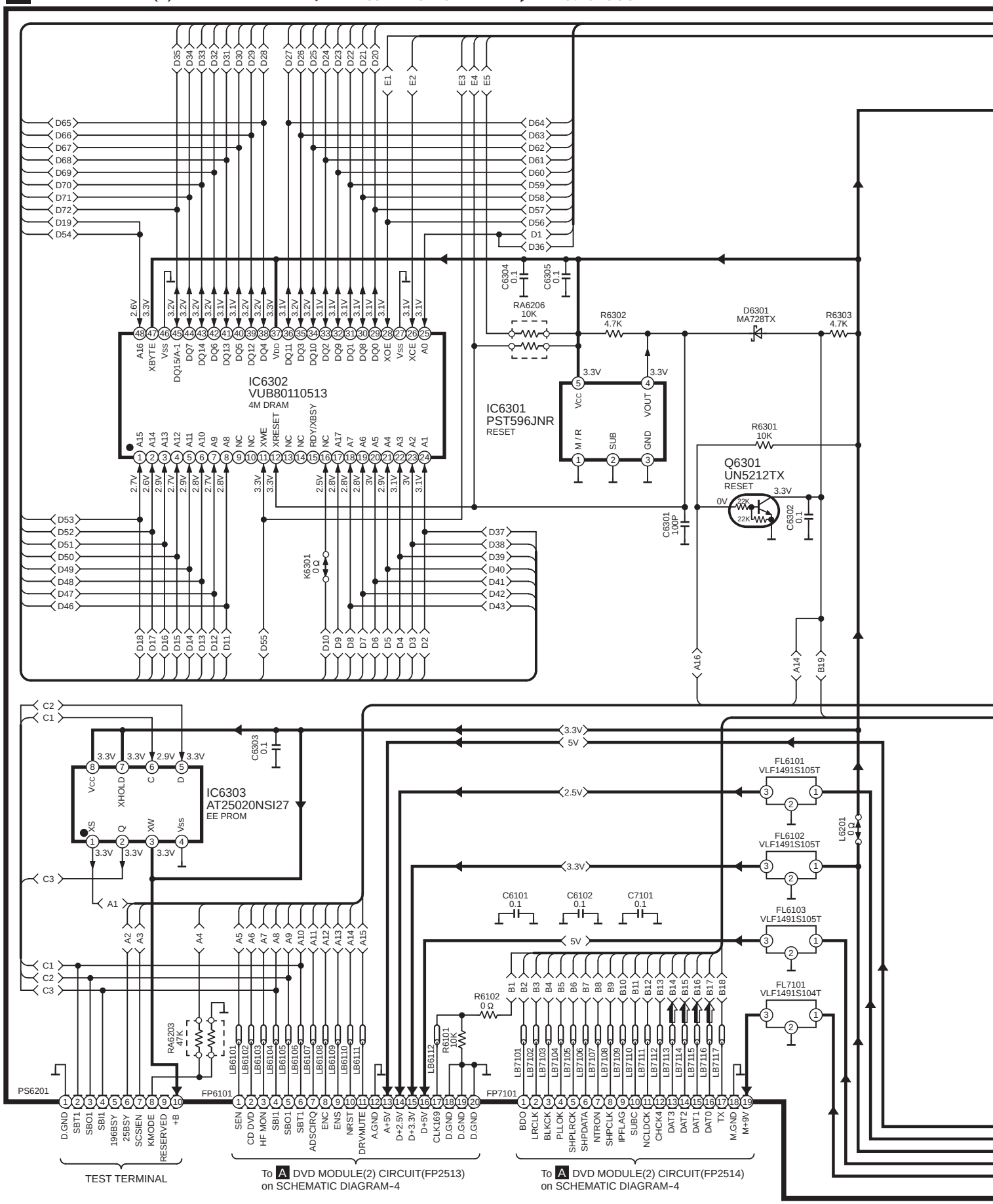
: POSITIVE VOLTAGE LINE : VIDEO / AUDIO SIGNAL LINE



SCHEMATIC DIAGRAM-5

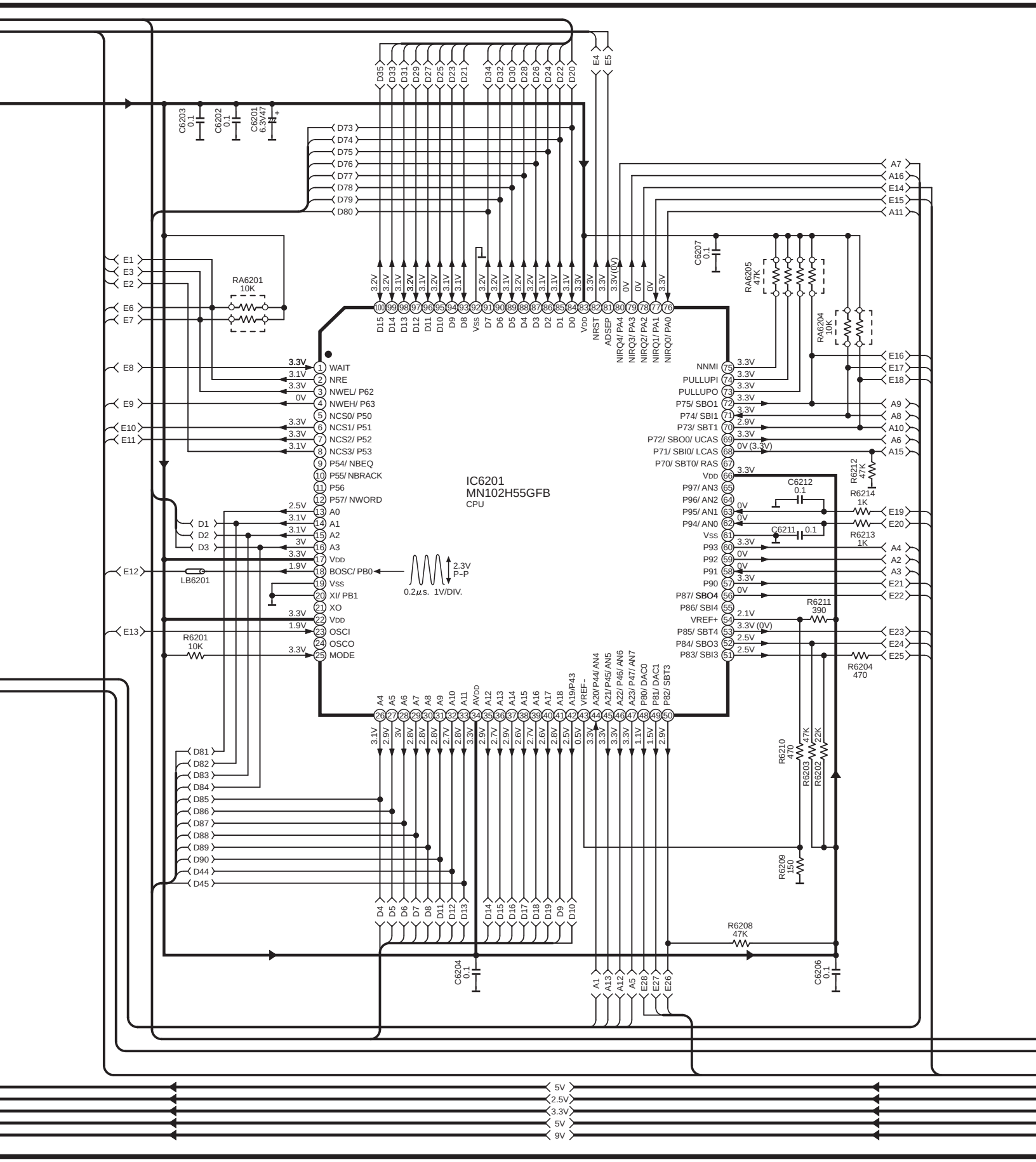
B DVD MODULE(1) CIRCUIT

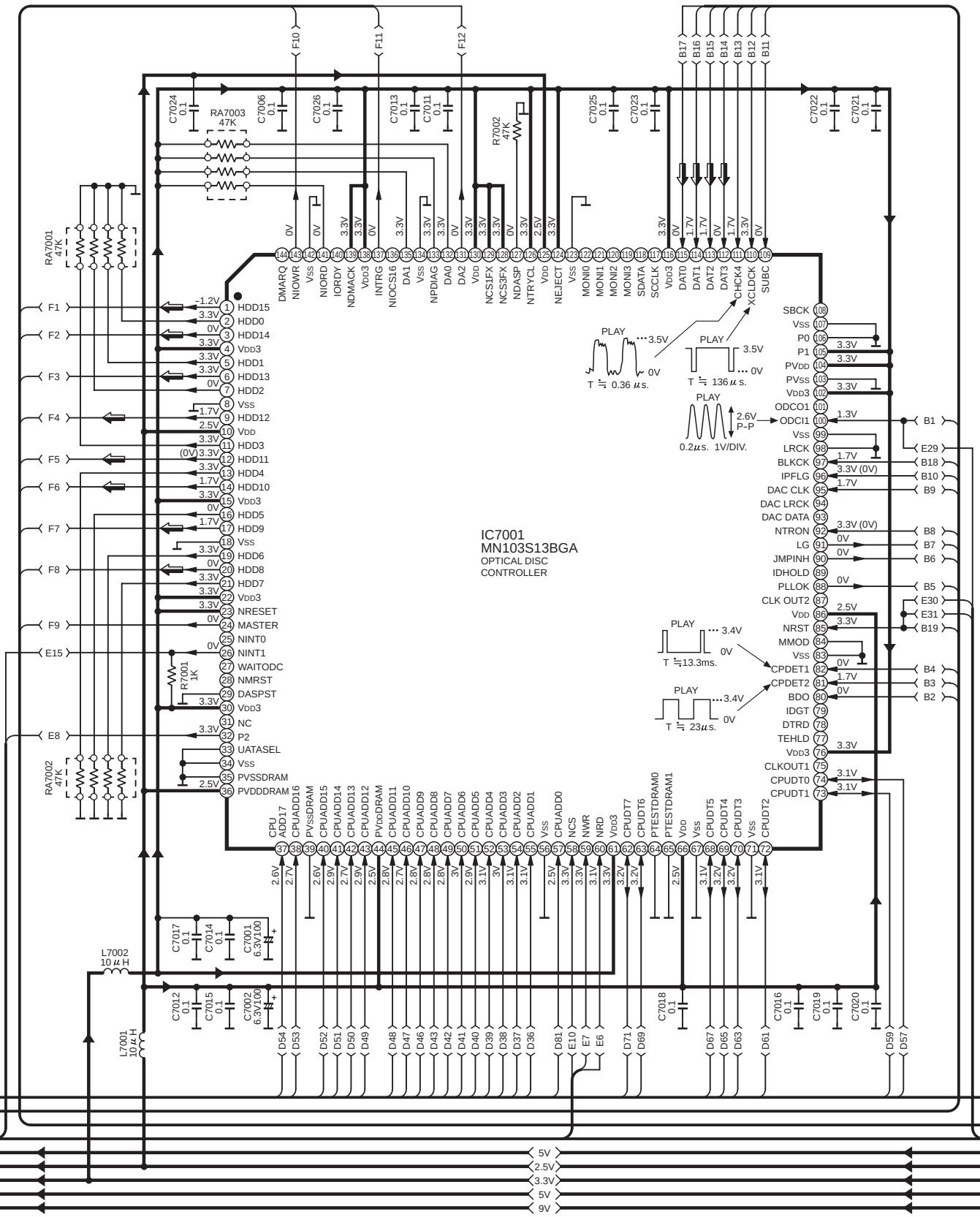
: POSITIVE VOLTAGE LINE : VIDEO / AUDIO SIGNAL LINE



SCHEMATIC DIAGRAM-6

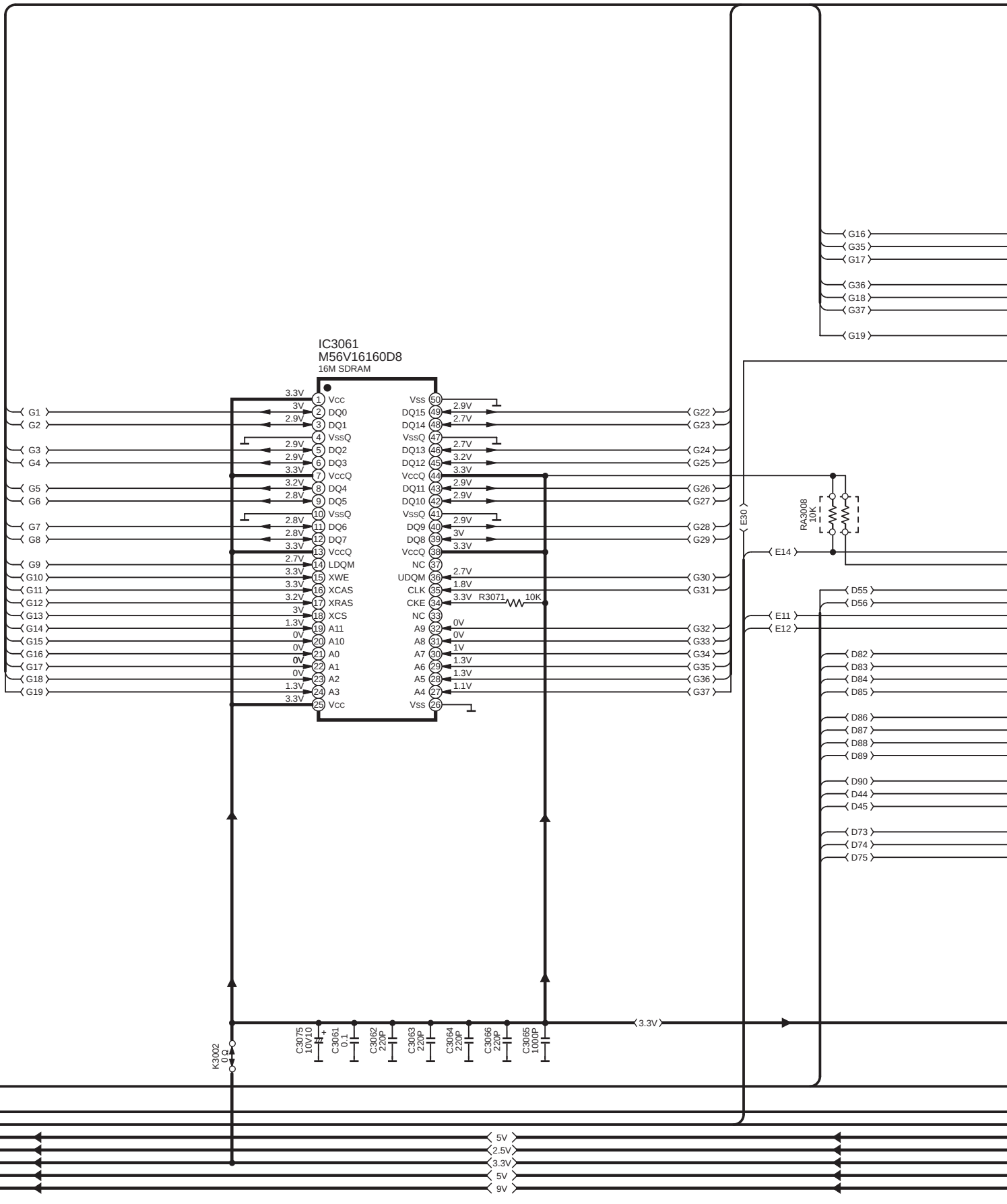
: POSITIVE VOLTAGE LINE




IC7001
MN103S13BGA
OPTICAL DISC
CONTROLLER
RA7003 47K
R7002 47K
RA7001 47K
RA7002 47K
R7001 1K
L7002 10 μH
L7001 10 μH
C7024 0.1
C7006 0.1
C7026 0.1
C7013 0.1
C7011 0.1
C7025 0.1
C7023 0.1
C7022 0.1
C7021 0.1
C7017 0.1
C7014 0.1
C7001 6.3V100
C7012 0.1
C7015 0.1
C7002 6.3V100
C7018 0.1
C7016 0.1
C7019 0.1
C7020 0.1
F10
F11
F12
B17
B16
B15
B14
B13
B12
B11
F1
F2
F3
F4
F5
F6
F7
F8
F9
E15
E8
1 HDD15
2 HDD0
3 HDD14
4 VDD3
5 HDD1
6 HDD13
7 HDD2
8 VSS
9 HDD12
10 VDD
11 HDD3
12 HDD11
13 HDD4
14 HDD10
15 VDD3
16 HDD5
17 HDD9
18 VSS
19 HDD6
20 HDD8
21 HDD7
22 VDD3
23 NRESET
24 MASTER
25 NINT0
26 NINT1
27 WAITODC
28 NMRST
29 DASPST
30 VDD3
31 NC
32 P2
33 UATASEL
34 VSS
35 PVSSDRAM
36 PVDDDRAM
37 CPU ADD17
38 CPUADD16
39 PVSSDRAM
40 CPUADD15
41 CPUADD14
42 CPUADD13
43 CPUADD12
44 PVDDRAM
45 CPUADD11
46 CPUADD10
47 CPUADD9
48 CPUADD8
49 CPUADD7
50 CPUADD6
51 CPUADD5
52 CPUADD4
53 CPUADD3
54 CPUADD2
55 CPUADD1
56 VSS
57 CPUADD0
58 NCS
59 NWR
60 NRD
61 VDD3
62 CPUDT7
63 CPUDT6
64 PTESTDRAM0
65 PTESTDRAM1
66 VDD
67 VSS
68 CPUDT5
69 CPUDT4
70 CPUDT3
71 VSS
72 CPUDT2
73 CPUDT1
74 CPUDT0
75 CLKOUT1
76 VDD3
77 TEHLD
78 DTRD
79 IDGT
80 BDO
81 CPDET2
82 CPDET1
83 VSS
84 MMOD
85 NRST
86 VDD
87 CLK OUT2
88 PLLOK
89 IDHOLD
90 JMPINH
91 LG
92 NTRON
93 DAC DATA
94 DAC LRCK
95 DAC CLK
96 IPFLG
97 BLKCK
98 LRCK
99 VSS
100 ODCI1
101 ODCO1
102 VDD3
103 PVSS
104 PVDD
105 P1
106 P0
107 VSS
108 SBCK
144 DMARQ
143 NIOWR
142 VSS
141 NIORD
140 IORDY
139 NDMACK
138 VDD3
137 INTRG
136 NIOCS16
135 DA1
134 VSS
133 NPDIAG
132 DA0
131 DA2
130 VDD
129 NCS1FX
128 NCS3FX
127 NDASP
126 NTRYCL
125 VDD
124 NEJECT
123 VSS
122 MONI0
121 MONI1
120 MONI2
119 MONI3
118 SDATA
117 SCCLK
116 VDD3
115 DAT0
114 DAT1
113 DAT2
112 DAT3
111 CHCK4
110 XCLDCK
109 SUBC
B1
E29
B18
B10
B9
B8
B7
B6
B5
E30
E31
B19
B4
B3
B2
B1
D54
D53
D52
D51
D50
D49
D48
D47
D46
D43
D42
D41
D40
D39
D38
D37
D36
D81
E10
E7
E6
D71
D69
D67
D65
D63
D61
D59
D57
PLAY 3.5V 0V T ≒ 0.36 μs.
PLAY 3.5V 0V T ≒ 136 μs.
PLAY 2.6V P-P 0.2μs. 1V/DIV.
PLAY 3.4V 0V T ≒13.3ms.
PLAY 3.4V 0V T ≒ 23μs.
5V
2.5V
3.3V
5V
9V

SCHEMATIC DIAGRAM-8

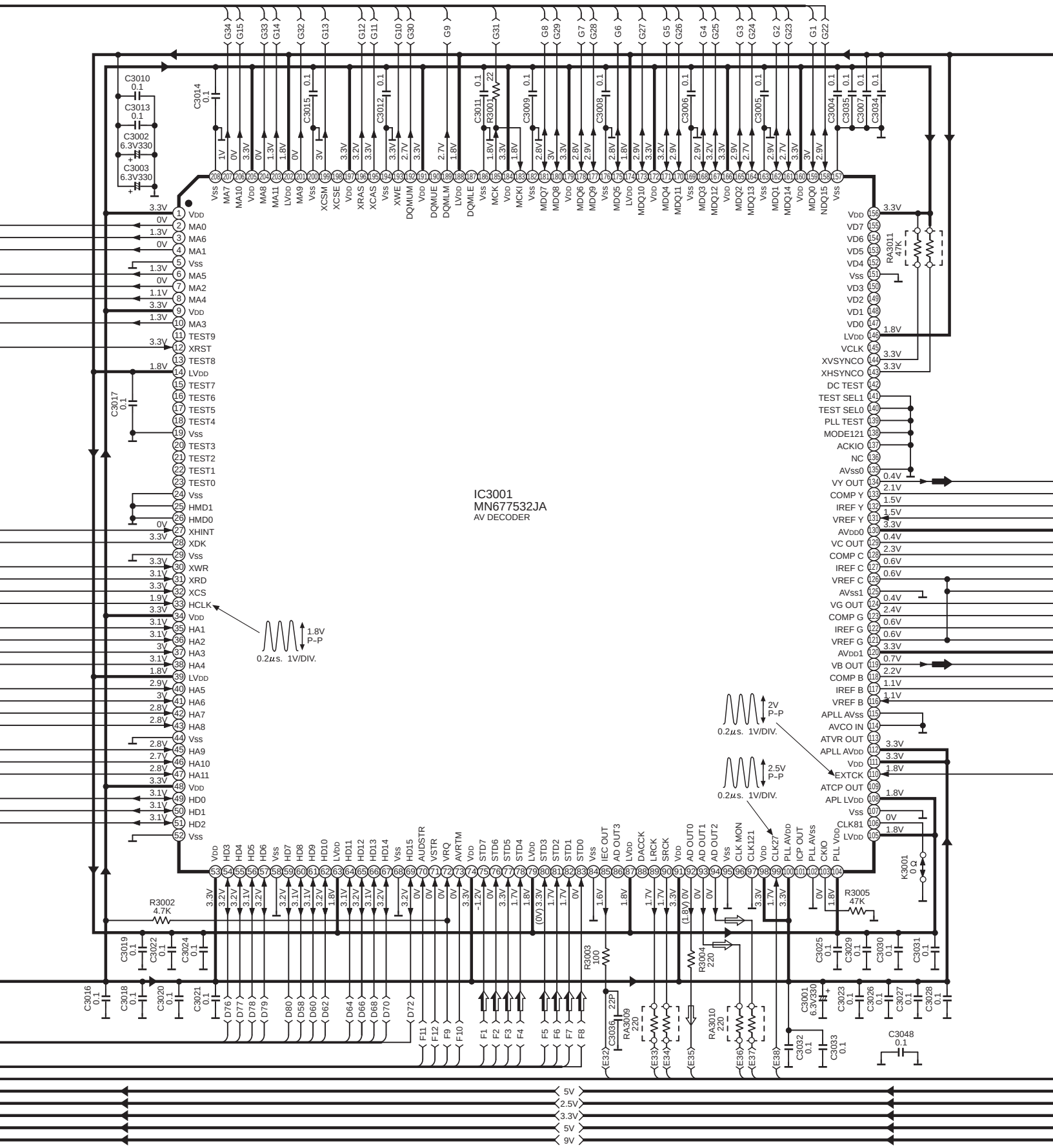
: POSITIVE VOLTAGE LINE



SCHEMATIC DIAGRAM-9

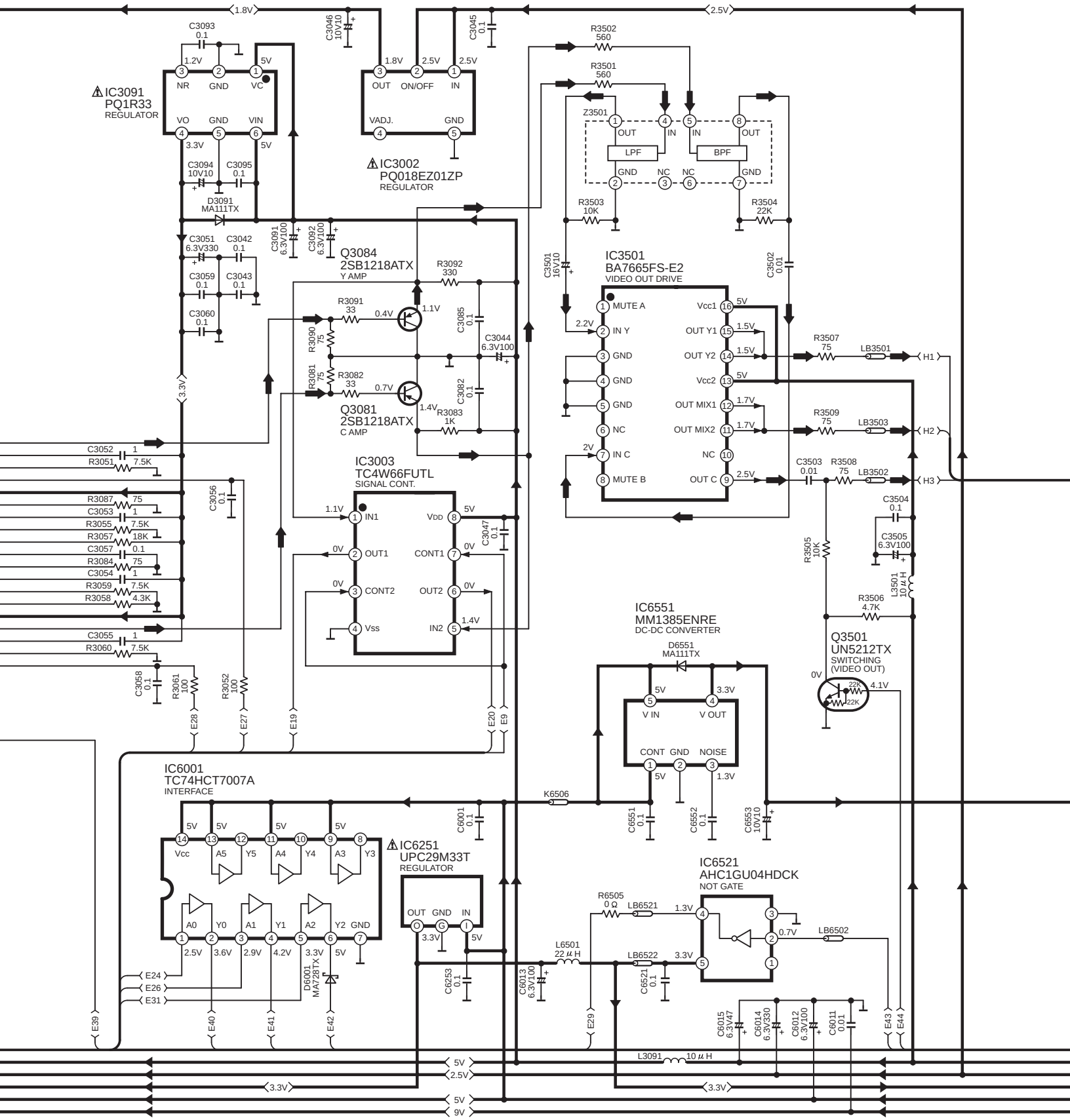
B DVD MODULE(1) CIRCUIT

: POSITIVE VOLTAGE LINE
: VIDEO / AUDIO SIGNAL LINE
: VIDEO SIGNAL LINE
: AUDIO SIGNAL LINE



SCHEMATIC DIAGRAM–10

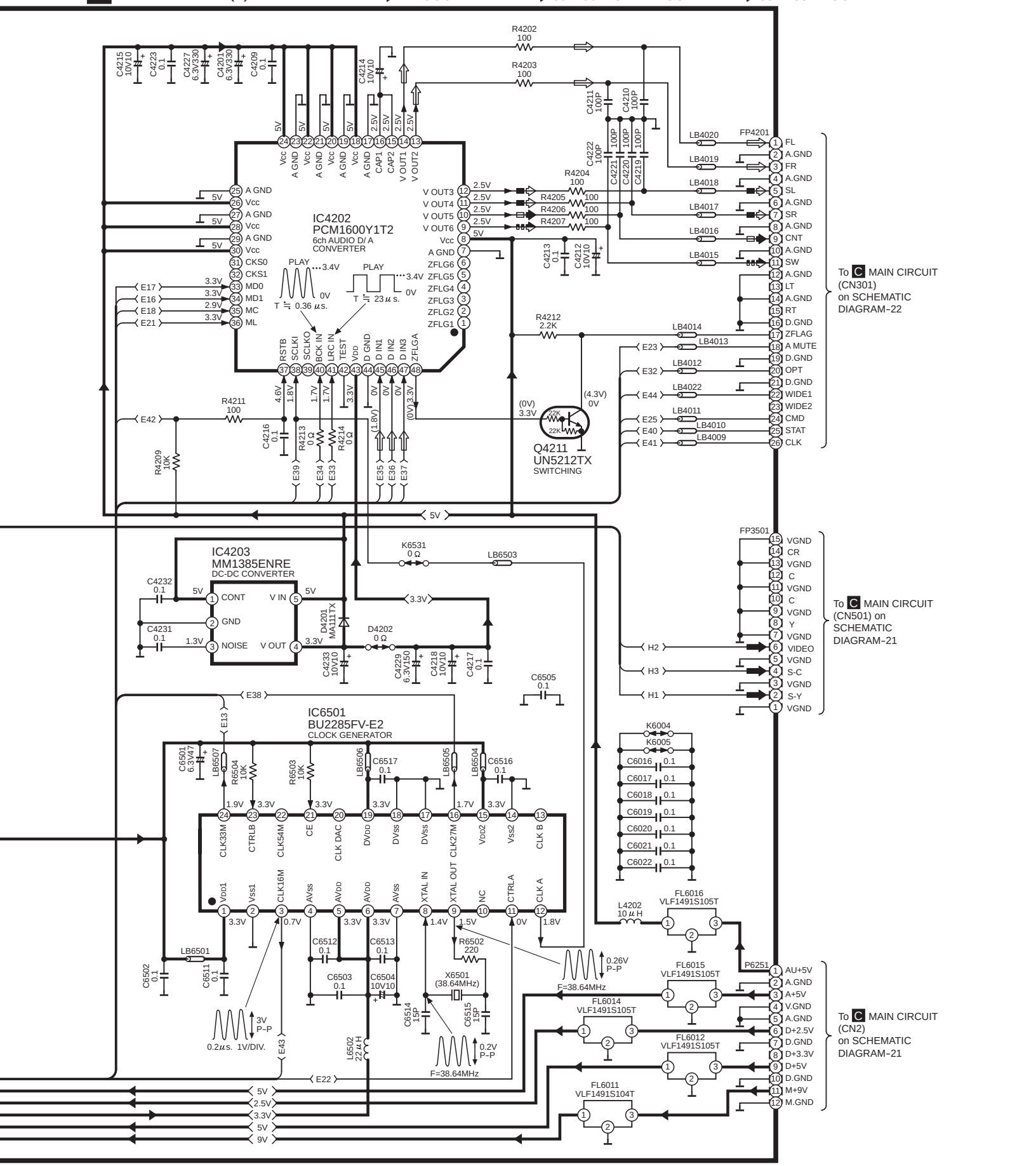
:POSITIVE VOLTAGE LINE :VIDEO SIGNAL LINE



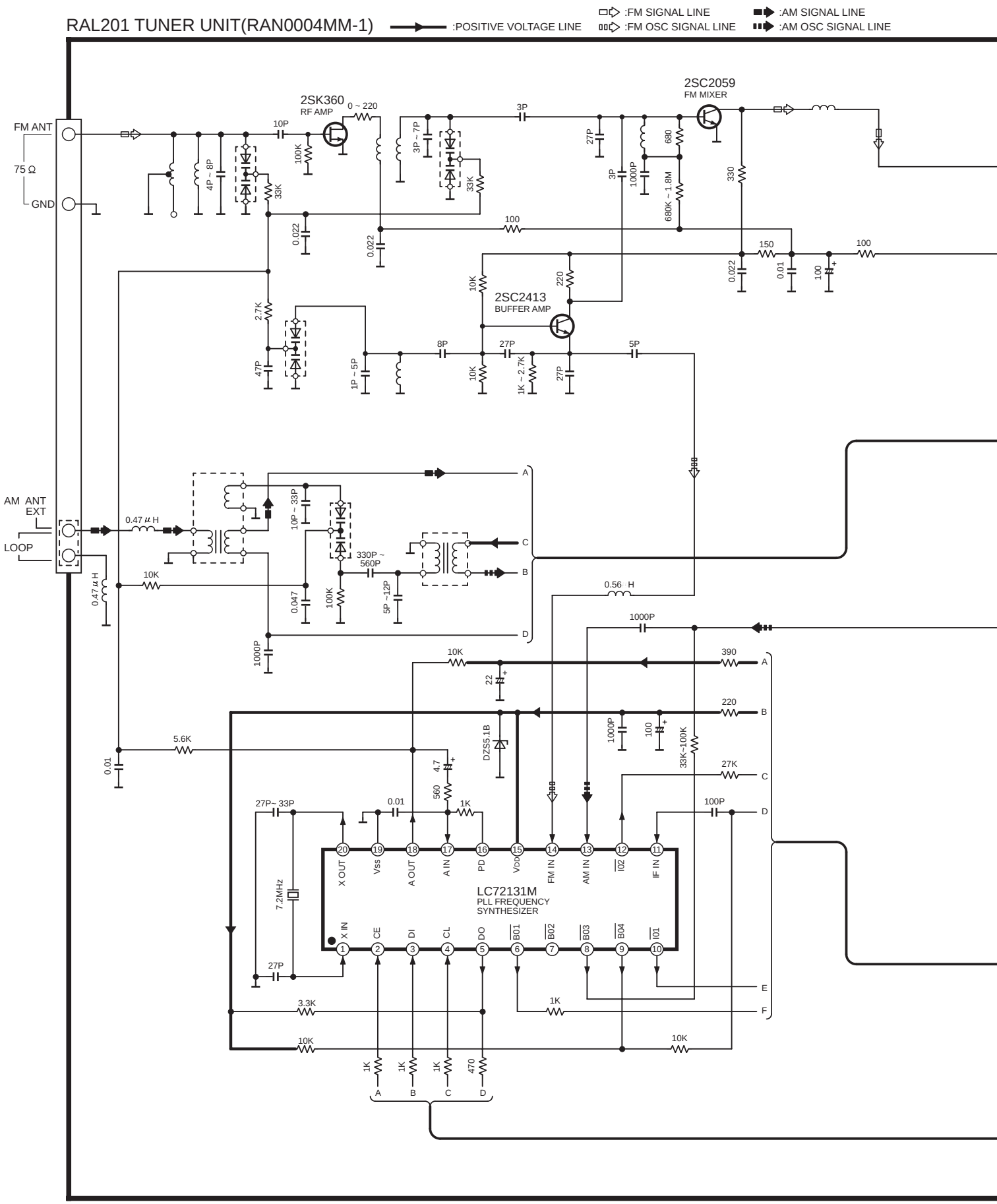
SCHEMATIC DIAGRAM-11

B DVD MODULE(1) CIRCUIT

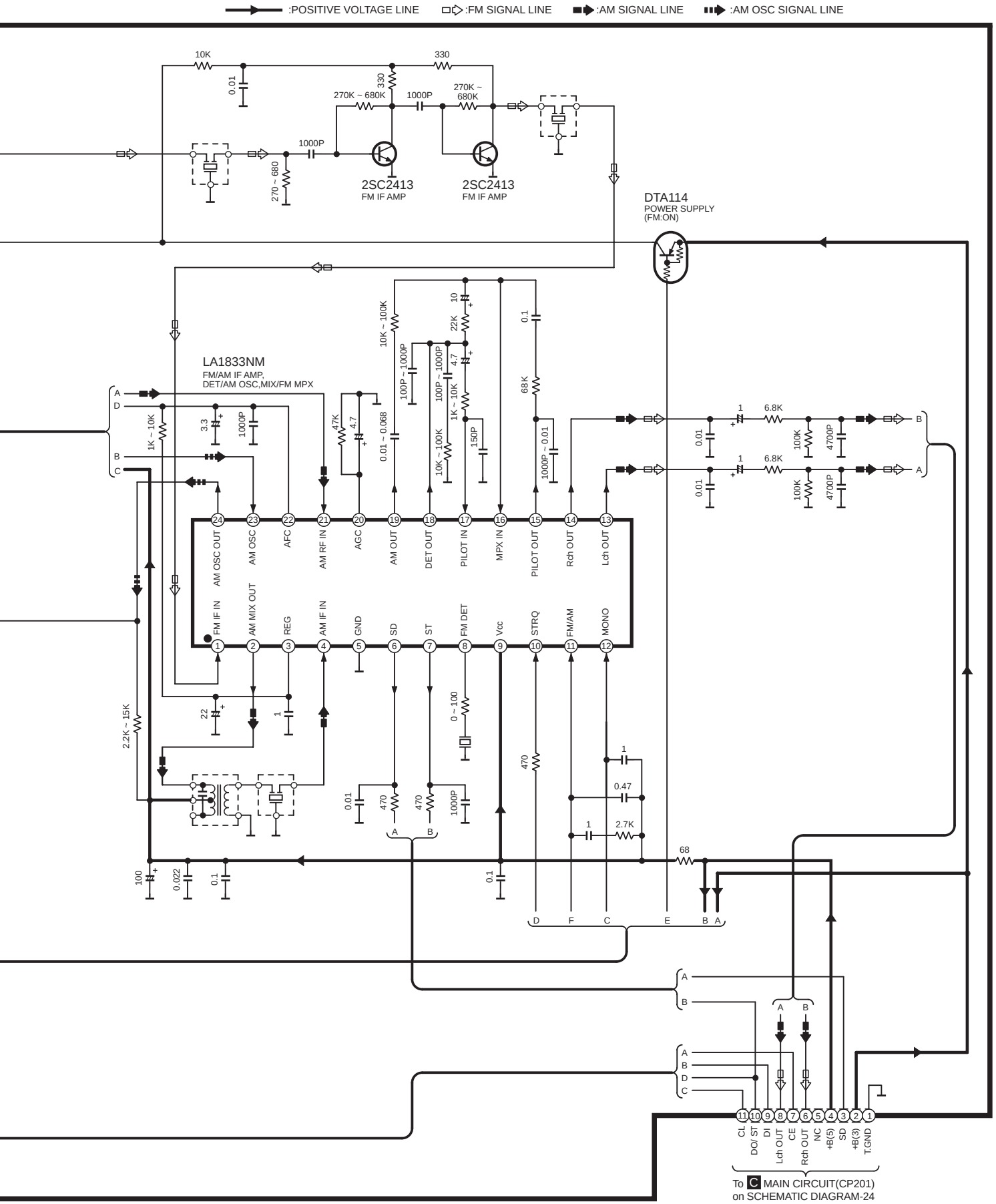
:POSITIVE VOLTAGE LINE :AUDIO SIGNAL LINE :CENTER SP. DRIVE SIGNAL LINE
:VIDEO SIGNAL LINE :SURROUND SP. DRIVE SIGNAL LINE :SUB WOOFER SIGNAL LINE



SCHEMATIC DIAGRAM-12



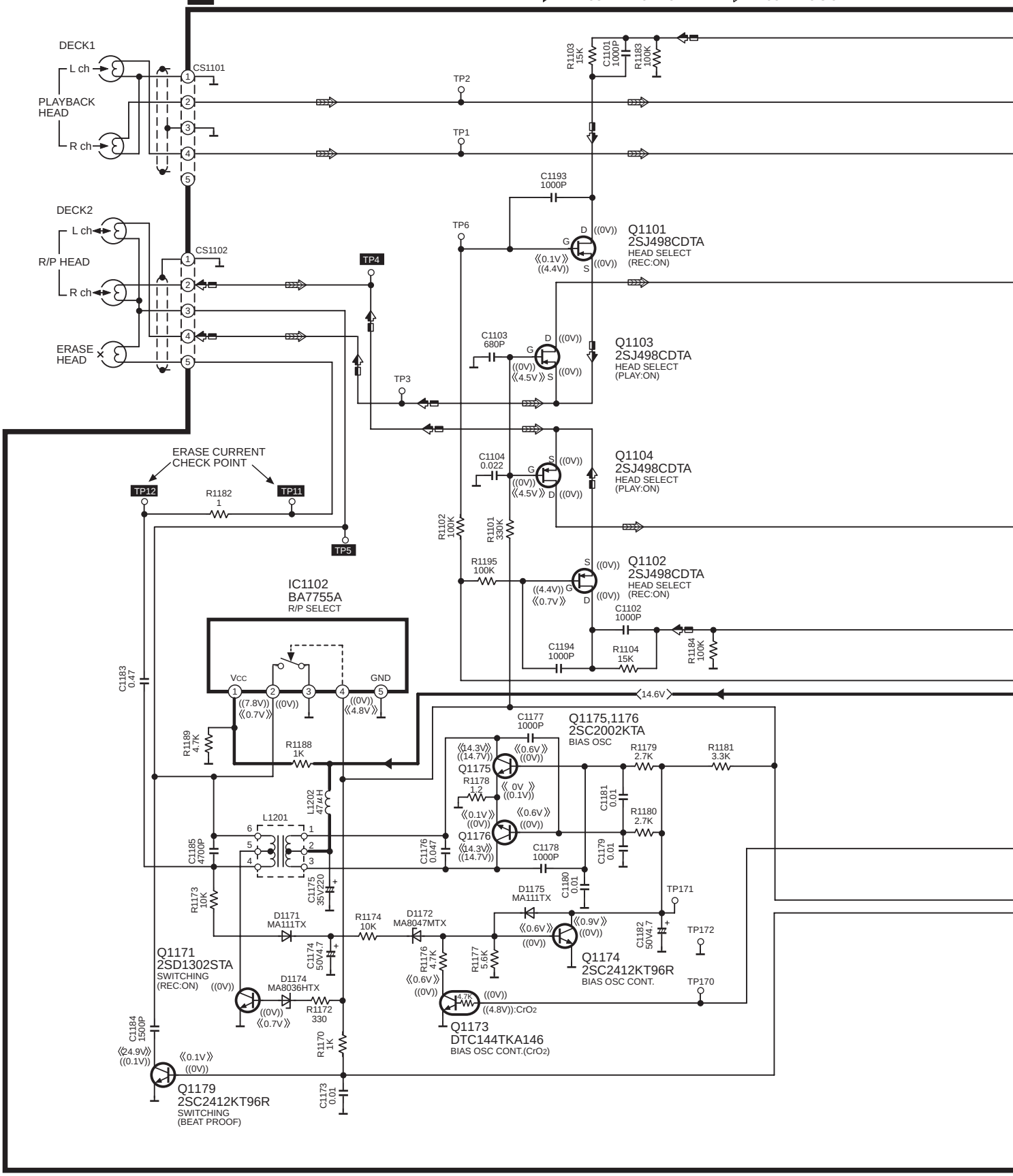
SCHEMATIC DIAGRAM-13



SCHEMATIC DIAGRAM-14

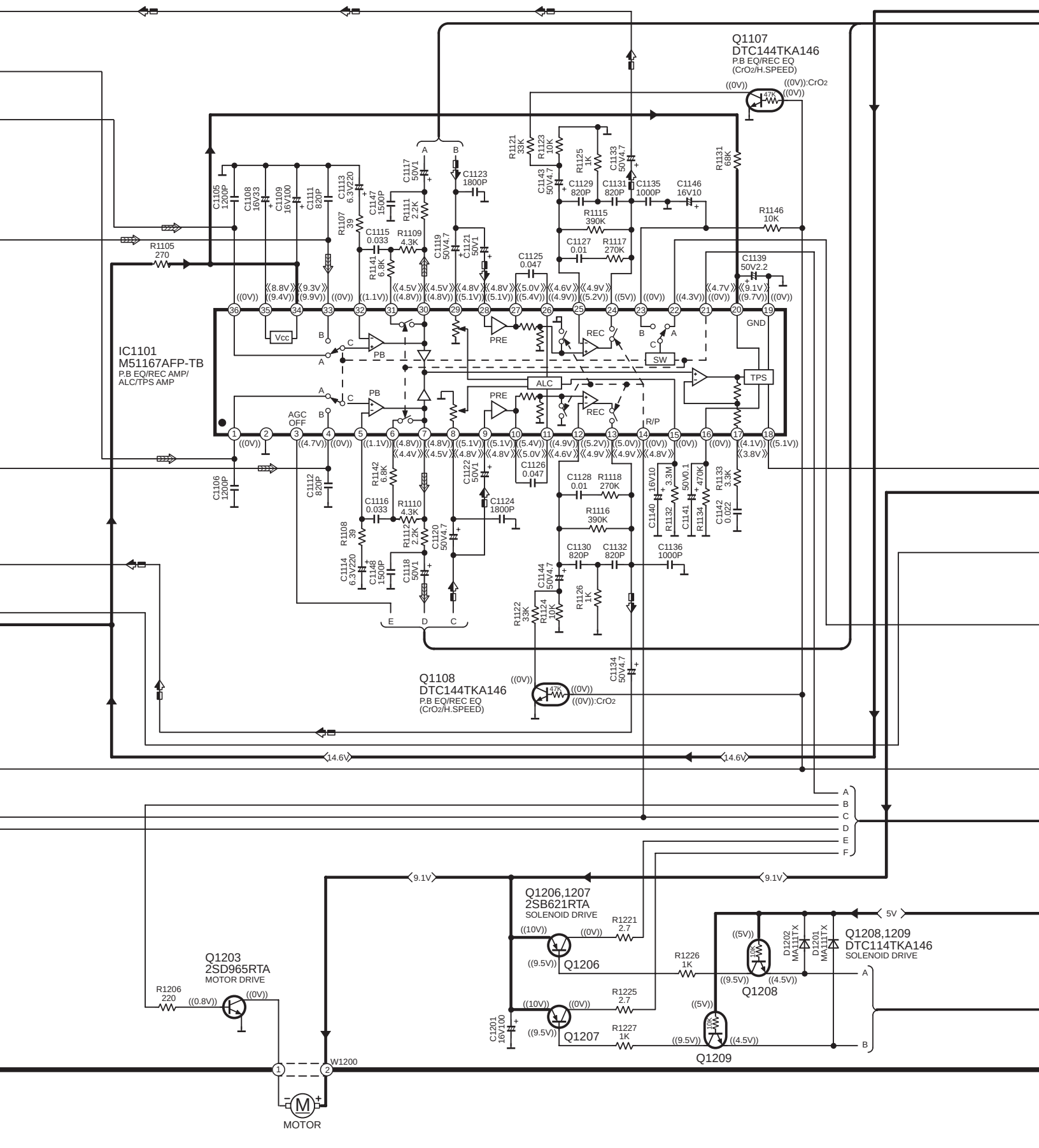
D MECHANISM CONTROL CIRCUIT

:POSITIVE VOLTAGE LINE
:TAPE PLAYBACK SIGNAL LINE
:RECORDING SIGNAL LINE



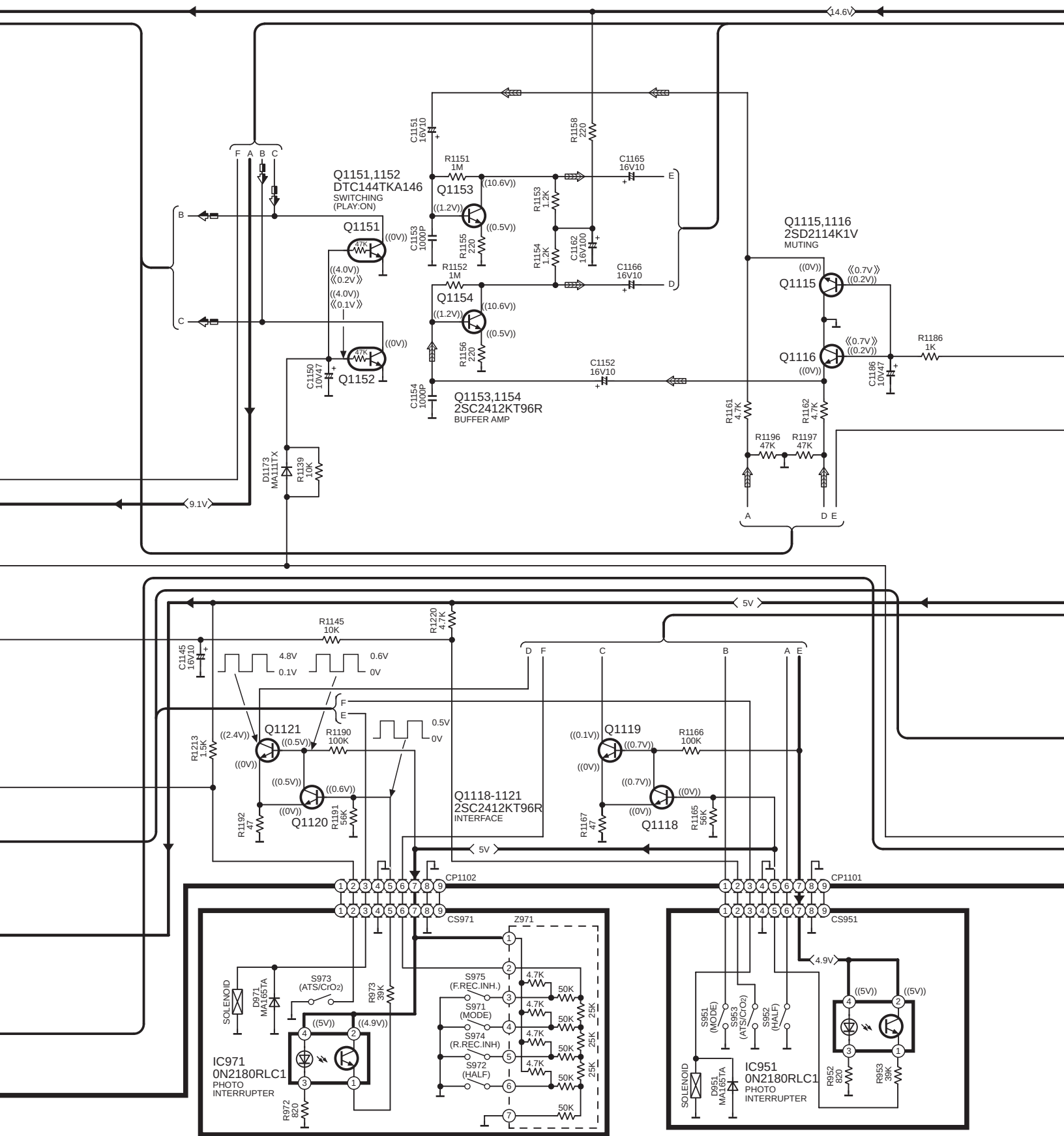
SCHEMATIC DIAGRAM-15

:POSITIVE VOLTAGE LINE :RECORDING SIGNAL LINE :TAPE PLAYBACK SIGNAL LINE



SCHEMATIC DIAGRAM-16

:TAPE PLAYBACK SIGNAL LINE
:POSITIVE VOLTAGE LINE :RECORDING SIGNAL LINE

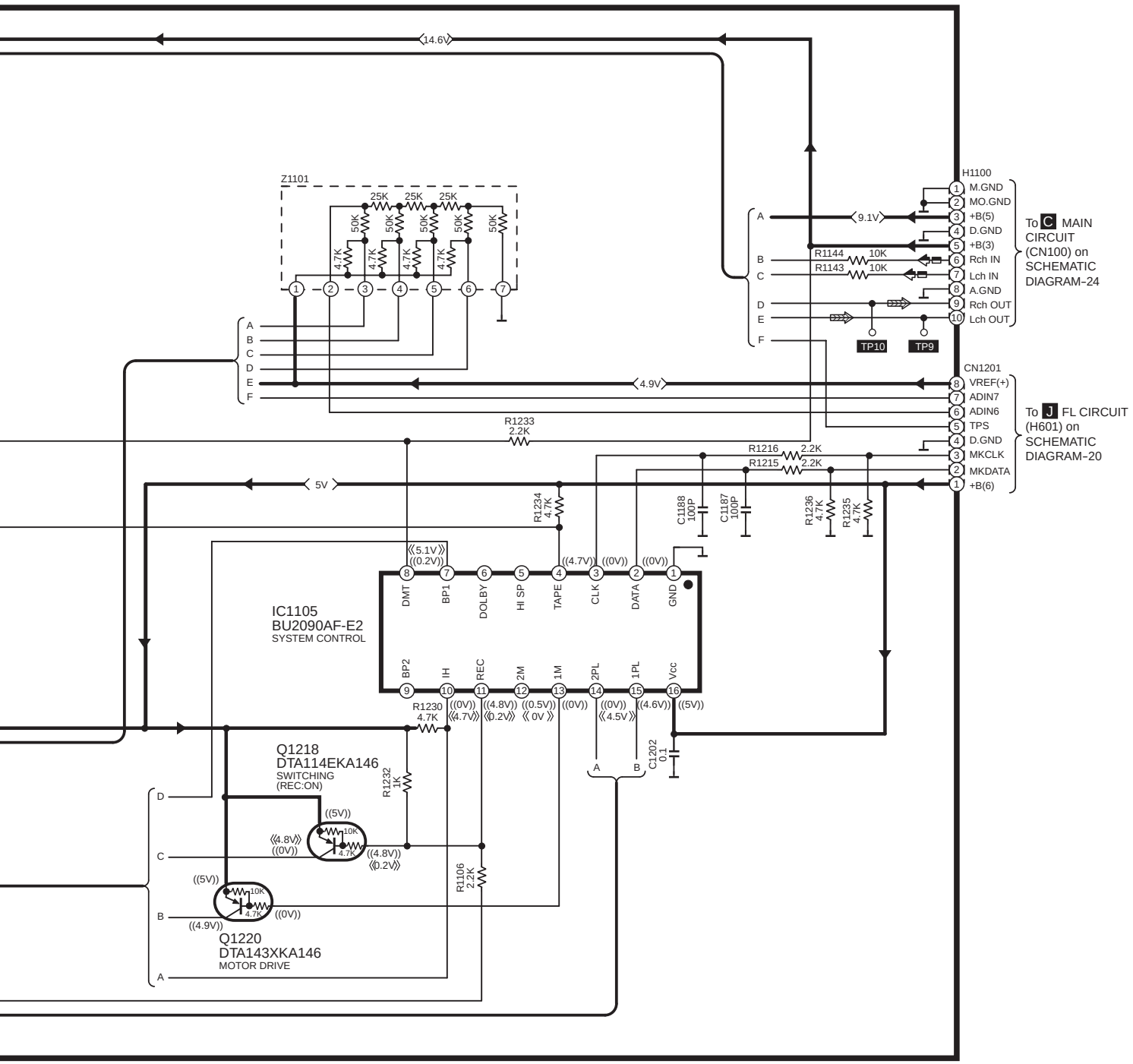


E MECHANISM (DECK2) CIRCUIT

F MECHANISM (DECK1) CIRCUIT

SCHEMATIC DIAGRAM-17

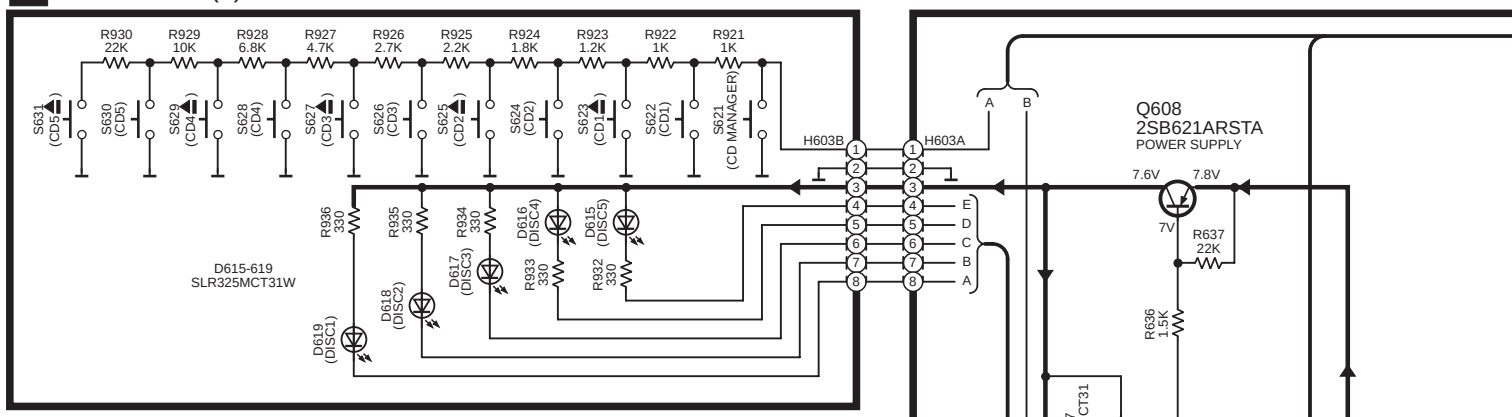
:POSITIVE VOLTAGE LINE :RECORDING SIGNAL LINE :TAPE PLAYBACK SIGNAL LINE



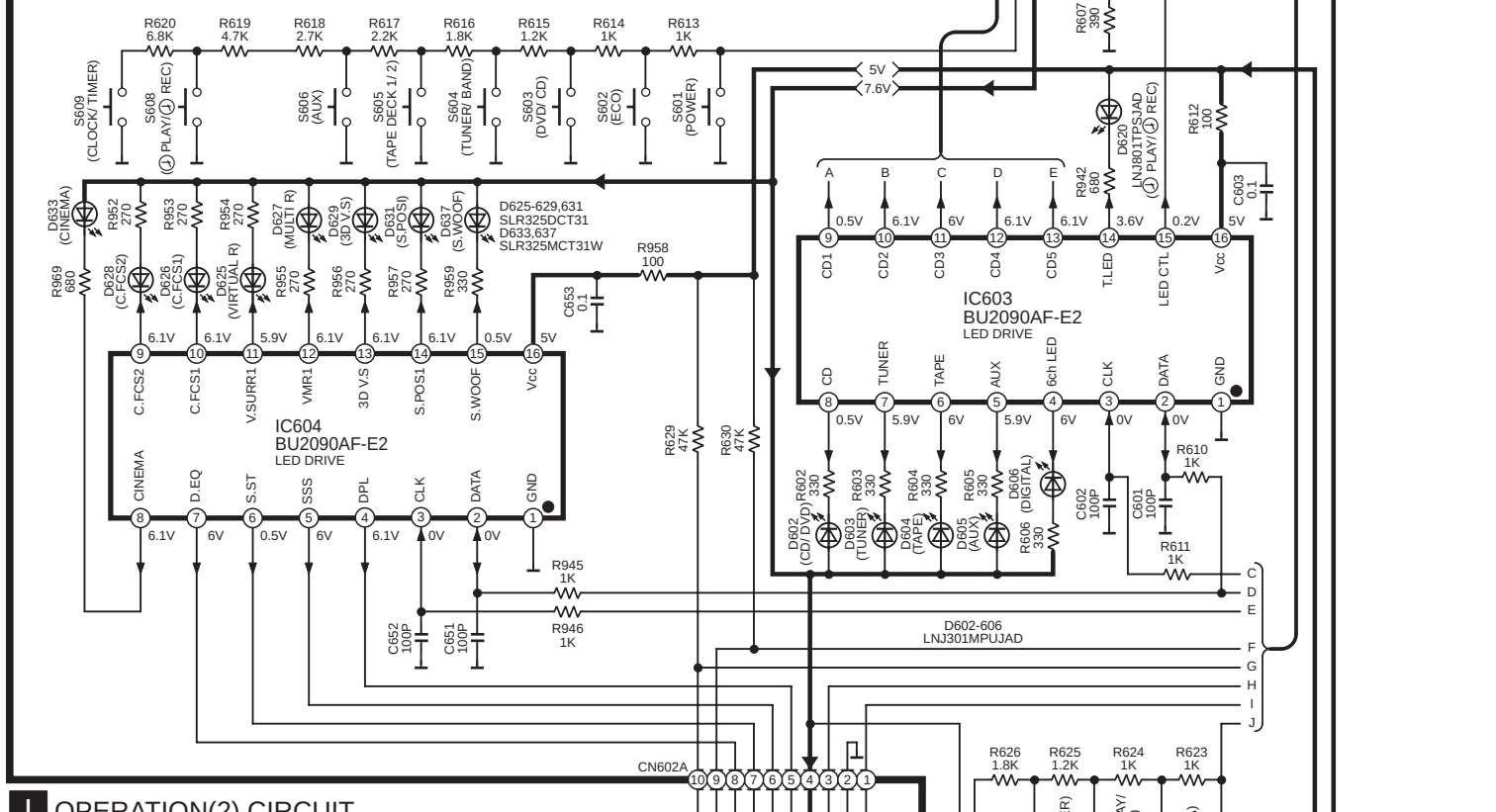
SCHEMATIC DIAGRAM-18

H OPERATION(1) CIRCUIT

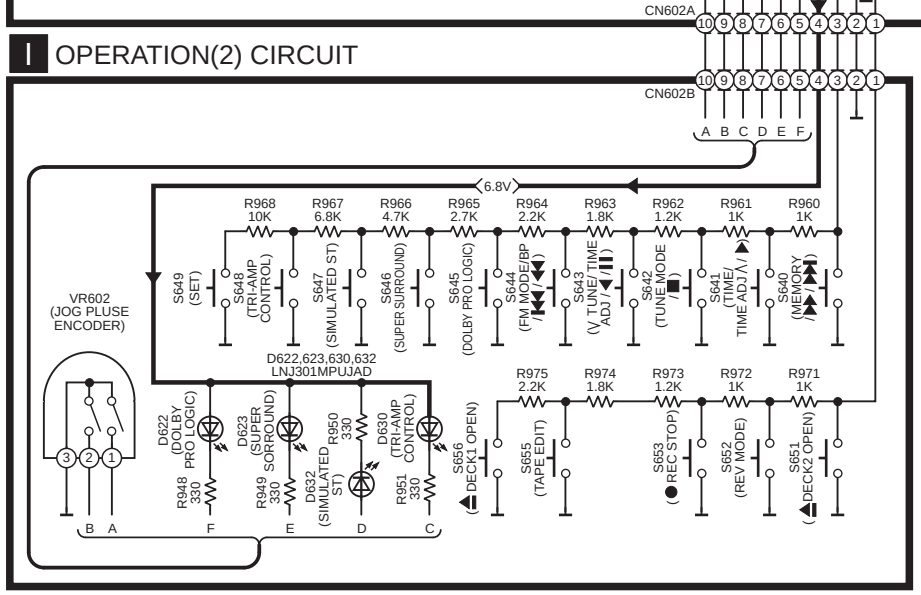
:POSITIVE VOLTAGE LINE



J FL CIRCUIT



I OPERATION(2) CIRCUIT

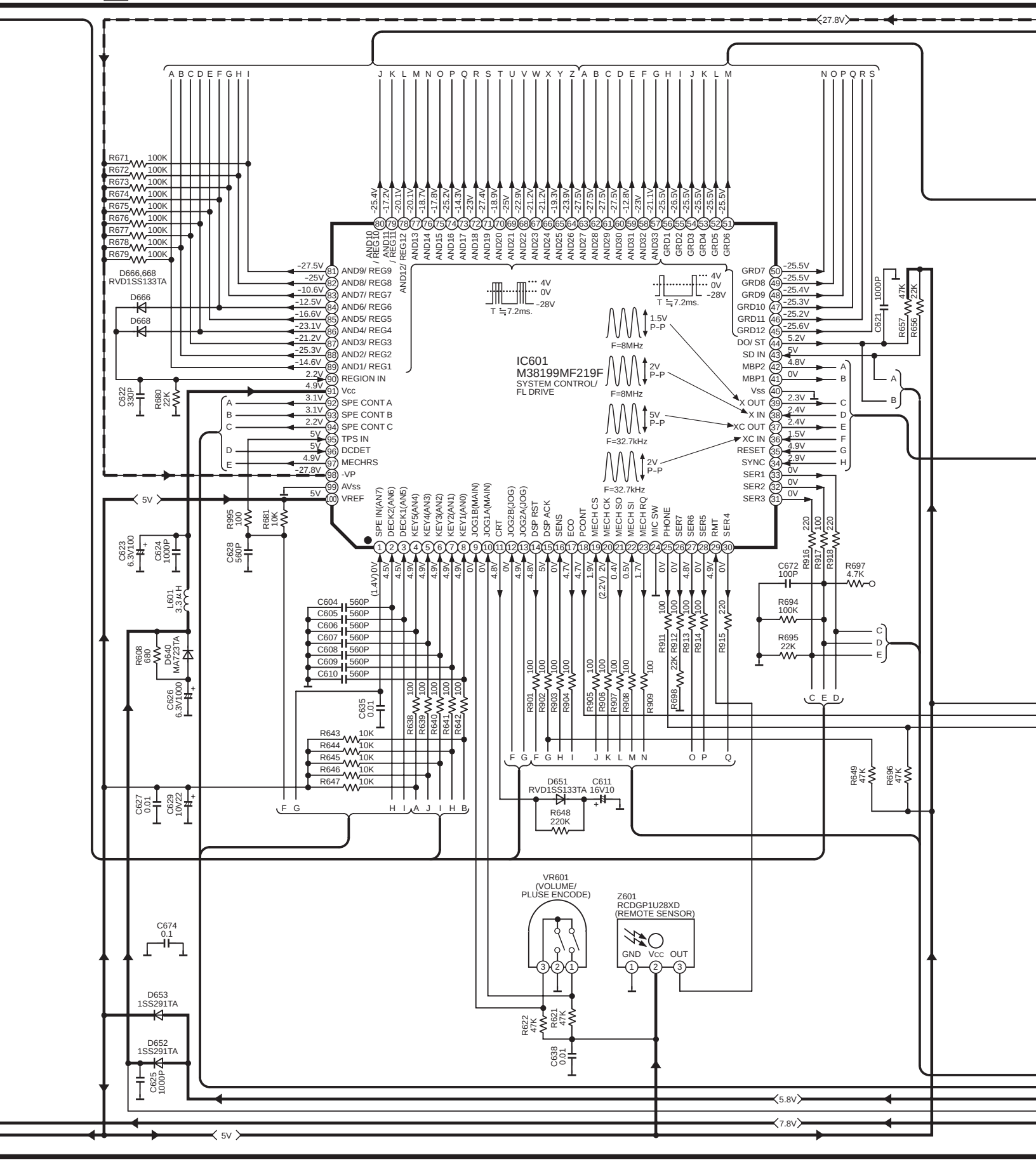


G LED CIRCUIT

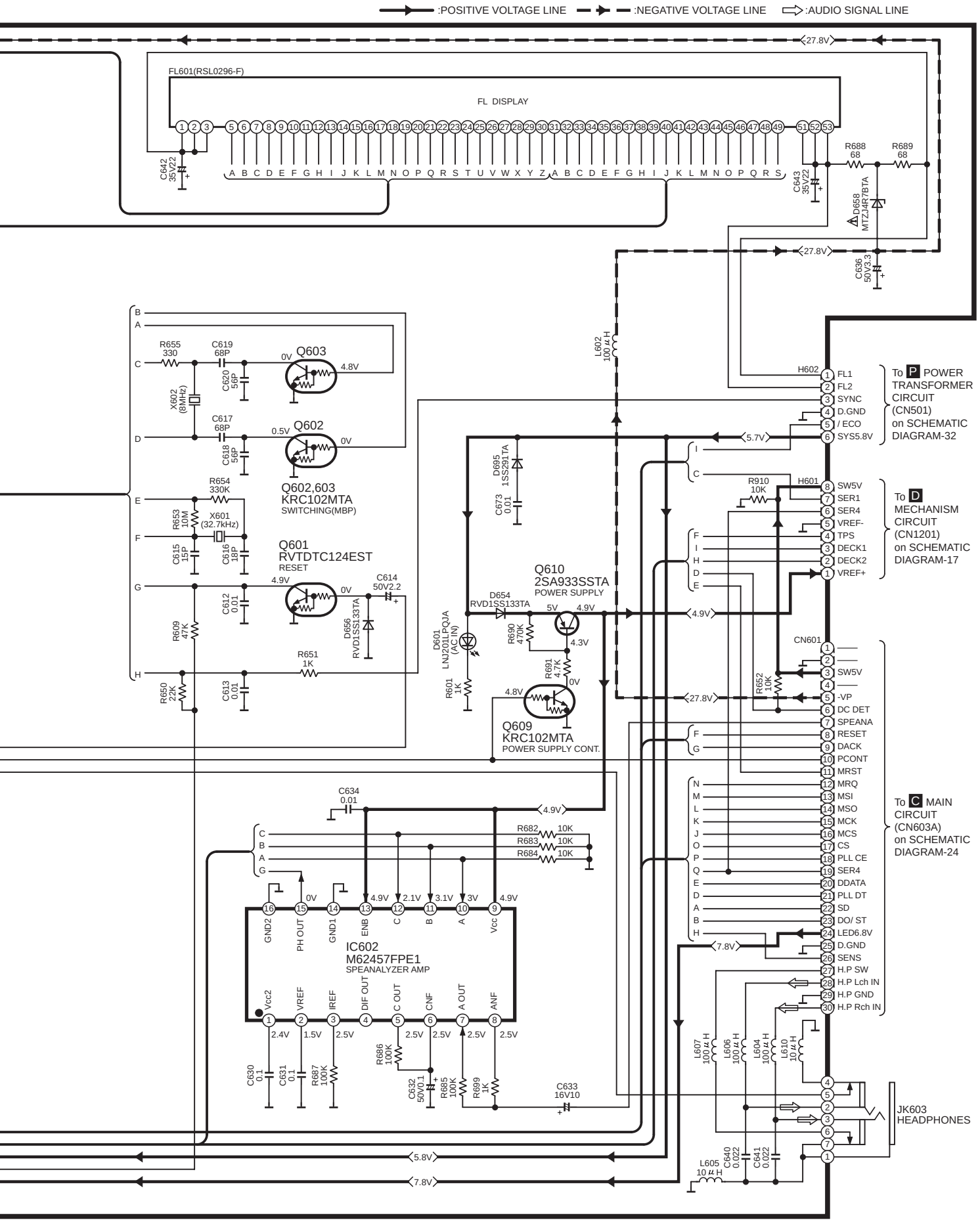
SCHEMATIC DIAGRAM-19

J FL CIRCUIT

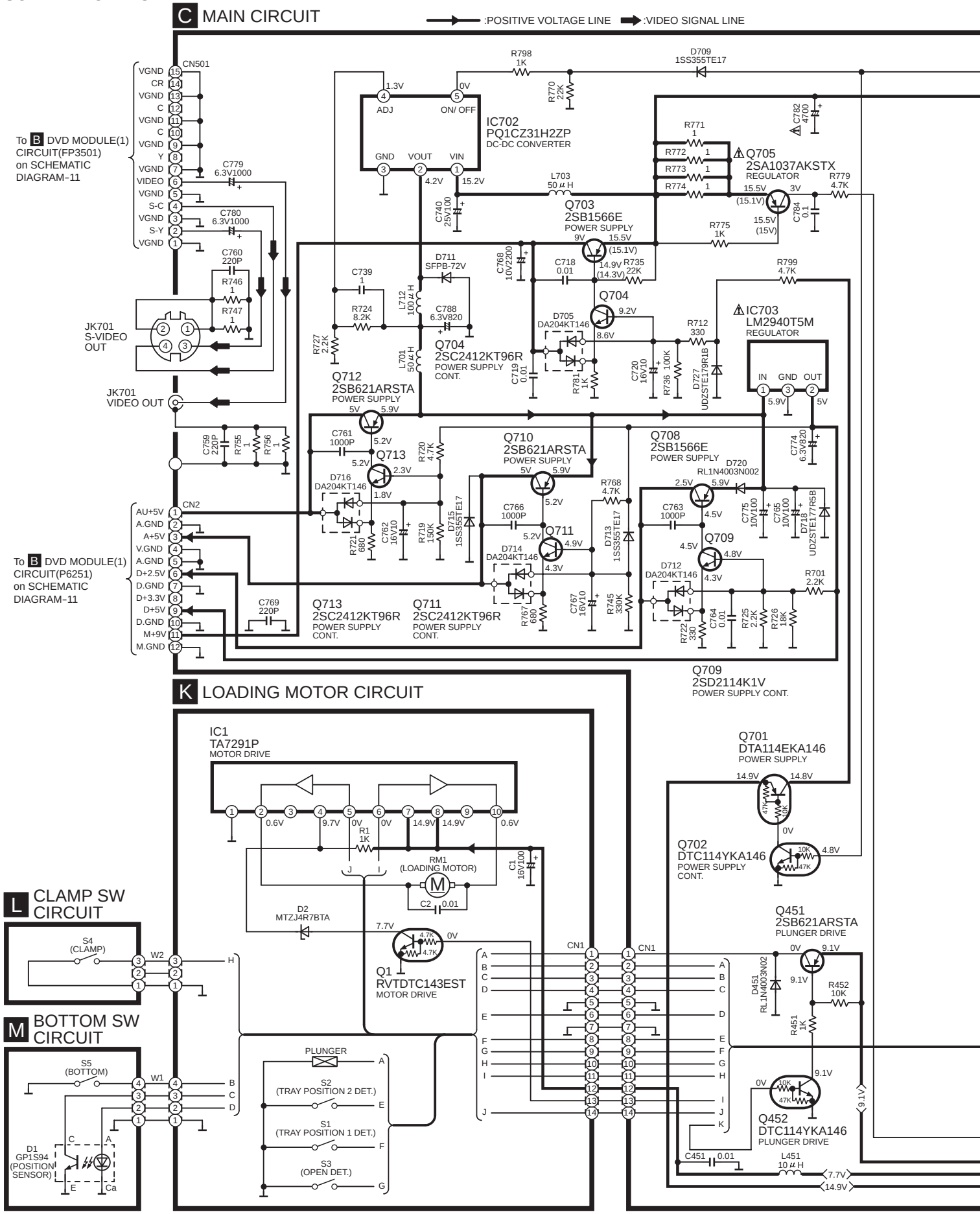
:POSITIVE VOLTAGE LINE — :NEGATIVE VOLTAGE LINE



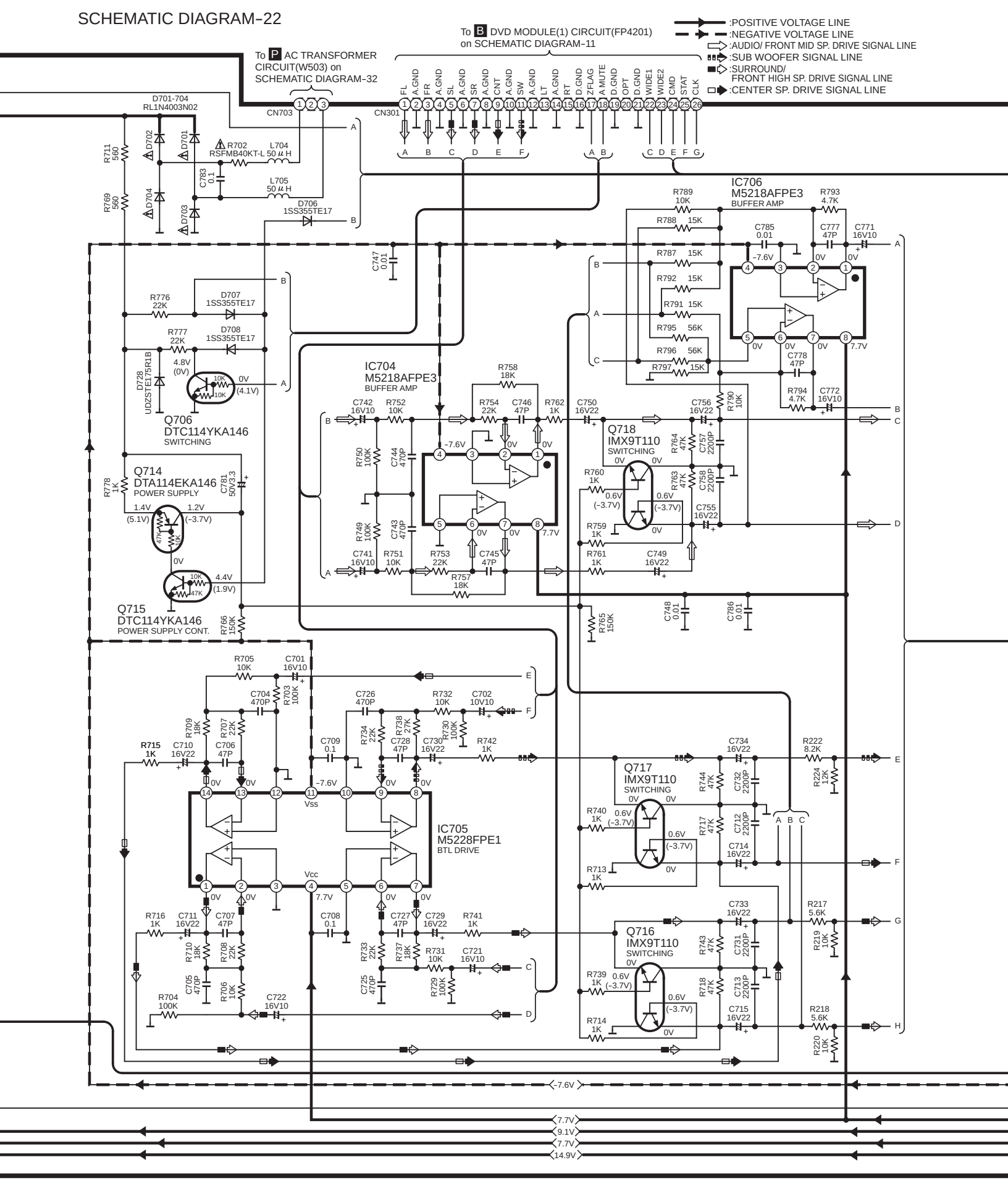
SCHEMATIC DIAGRAM-20



SCHEMATIC DIAGRAM-21



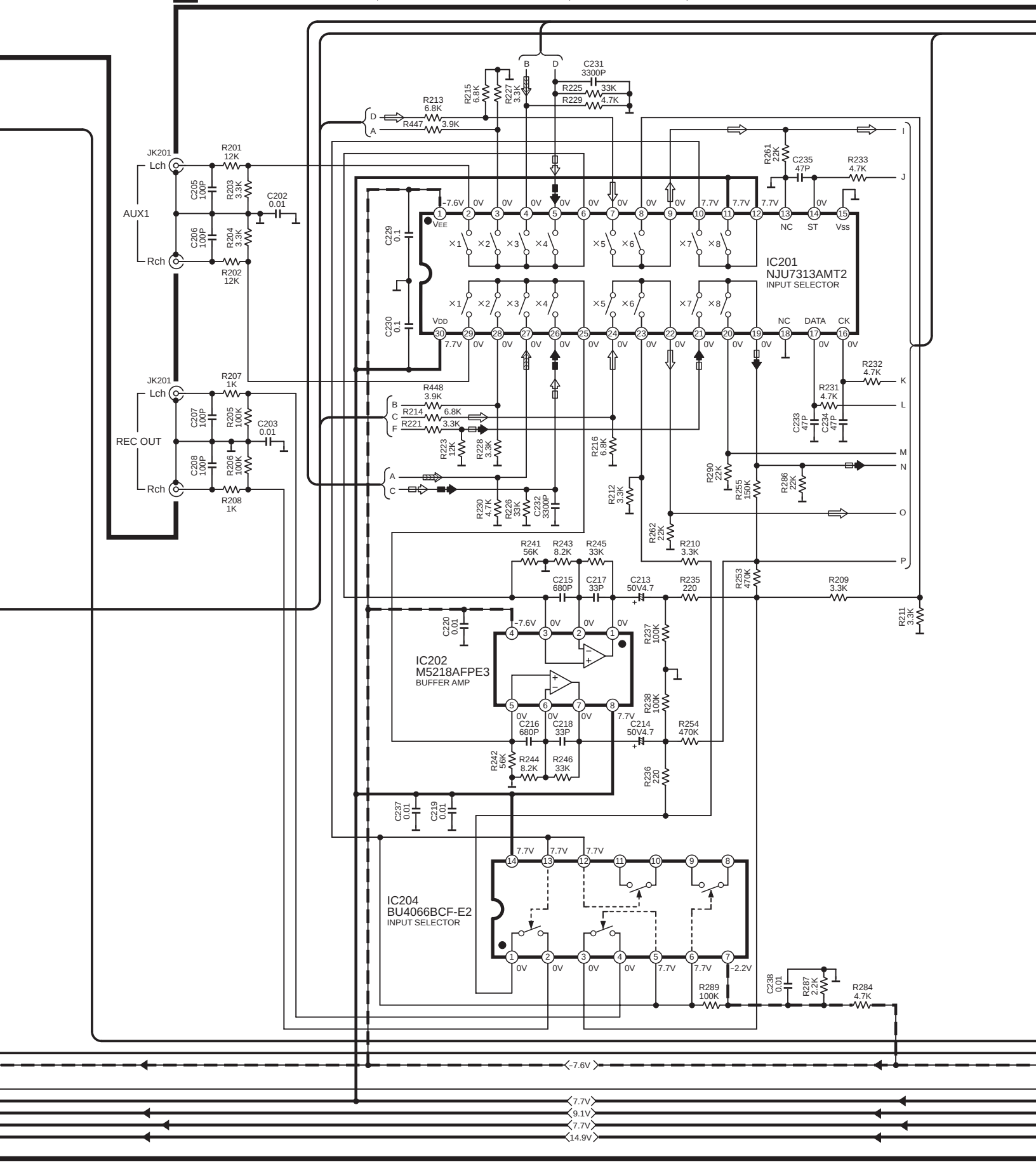
SCHEMATIC DIAGRAM–22



SCHEMATIC DIAGRAM-23

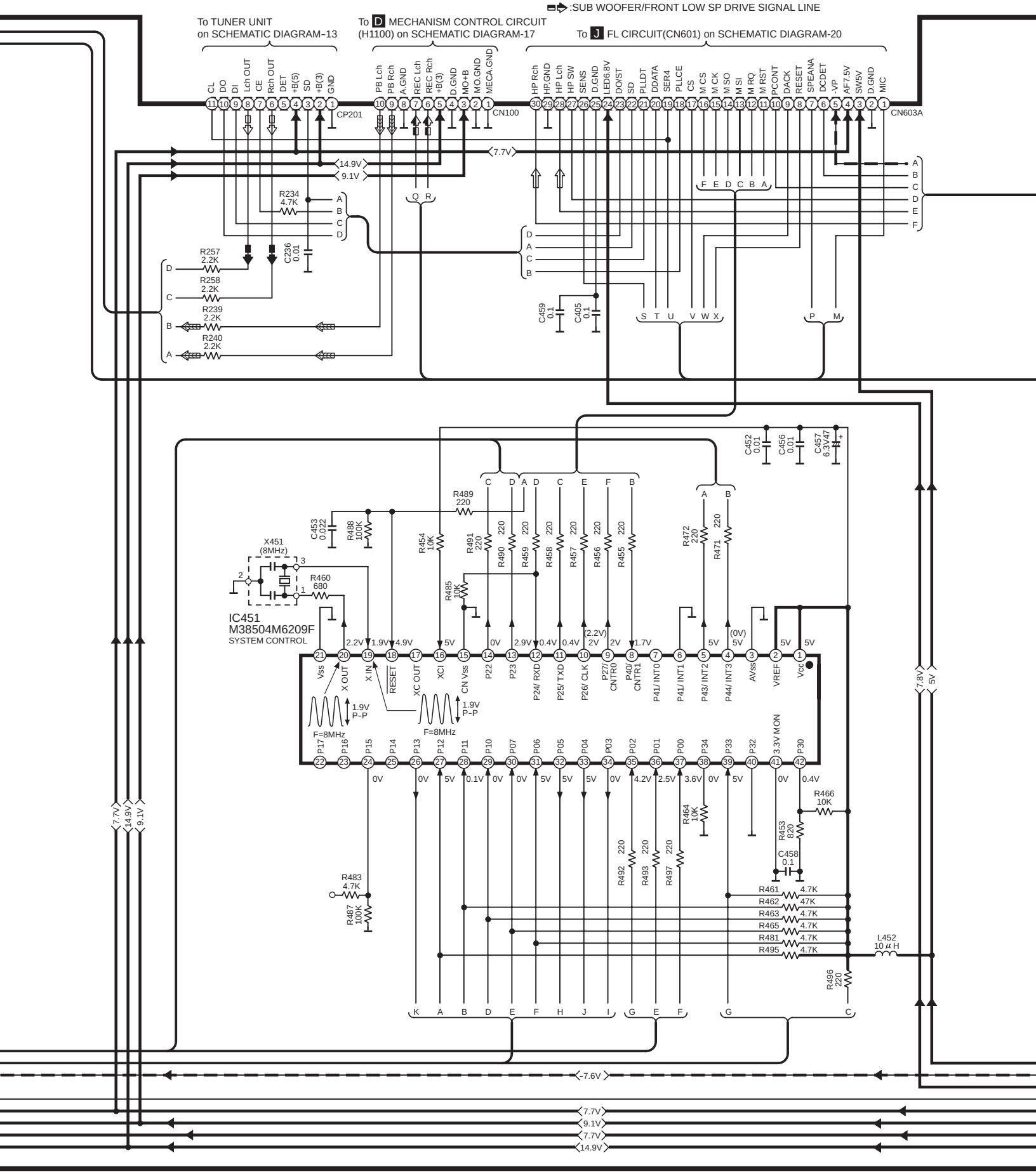
C MAIN CIRCUIT

:POSITIVE VOLTAGE LINE
:NEGATIVE VOLTAGE LINE
:FM SIGNAL LINE
:AM SIGNAL LINE
:AUDIO/FRONT MID SP. DRIVE SIGNAL LINE
:TAPE PLAYBACK SIGNAL LINE
:CENTER SP. DRIVE SIGNAL LINE



SCHEMATIC DIAGRAM-24

:POSITIVE VOLTAGE LINE
:NEGATIVE VOLTAGE LINE
:FM SIGNAL LINE
:AM SIGNAL LINE
:SUB WOOFER/FRONT LOW SP DRIVE SIGNAL LINE
:AUDIO SIGNAL LINE
:TAPE PLAYBACK SIGNAL LINE


To TUNER UNIT on SCHEMATIC DIAGRAM–13
To D MECHANISM CONTROL CIRCUIT (H1100) on SCHEMATIC DIAGRAM-17
To J FL CIRCUIT(CN601) on SCHEMATIC DIAGRAM-20
CL DO DI Lch OUT CE Rch OUT DET +B(5) SD +B(3) GND
PB Lch PB Rch A.GND REC Lch REC Rch +B(3) D.GND MO+B MO.GND MECA.GND
HP Rch HP.GND HP Lch HP SW SENS D.GND LED6.8V DO/ST SD PLLDT DDATA SER4 PLLCE CS M CS M CK M SO M SI M RQ M RST PCONT DACK RESET SPEANA DCDET -VP AF7.5V SW5V D.GND MIC
CP201
CN100
CN603A
14.9V
9.1V
7.7V
R234 4.7K
R257 2.2K
R258 2.2K
R239 2.2K
R240 2.2K
C236 0.01
C459 0.1
C405 0.1
C452 0.01
C456 0.01
C457 6.3V47
R489 220
R488 100K
C453 0.022
R454 10K
R491 220
R490 220
R459 220
R458 220
R457 220
R456 220
R455 220
R472 220
R471 220
R485 10K
X451 (8MHz)
R460 680
IC451
M38504M6209F
SYSTEM CONTROL
Vss X OUT X IN RESET XC OUT XCI CN Vss P22 P23 P24/ RXD P25/ TXD P26/ CLK P27/ CNTR0 P40/ CNTR1 P41/ INT0 P41/ INT1 P43/ INT2 P44/ INT3 AVss VREF Vcc
2.2V 1.9V 4.9V 5V 0V 2.9V 0.4V 0.4V (2.2V) 2V 2V 1.7V 5V (0V) 5V 5V 5V
1.9V P–P F=8MHz
P17 P16 P15 P14 P13 P12 P11 P10 P07 P06 P05 P04 P03 P02 P01 P00 P34 P33 P32 3.3V MON P30
0V 0V 5V 0.1V 0V 0V 5V 5V 5V 0V 4.2V 2.5V 3.6V 0V 5V 0V 0.4V
R466 10K
R464 10K
R453 820
C458 0.1
R492 220
R493 220
R497 220
R483 4.7K
R487 100K
R461 4.7K
R462 47K
R463 4.7K
R465 4.7K
R481 4.7K
R495 4.7K
L452 10 μH
R496 220
-7.6V
7.8V
5V

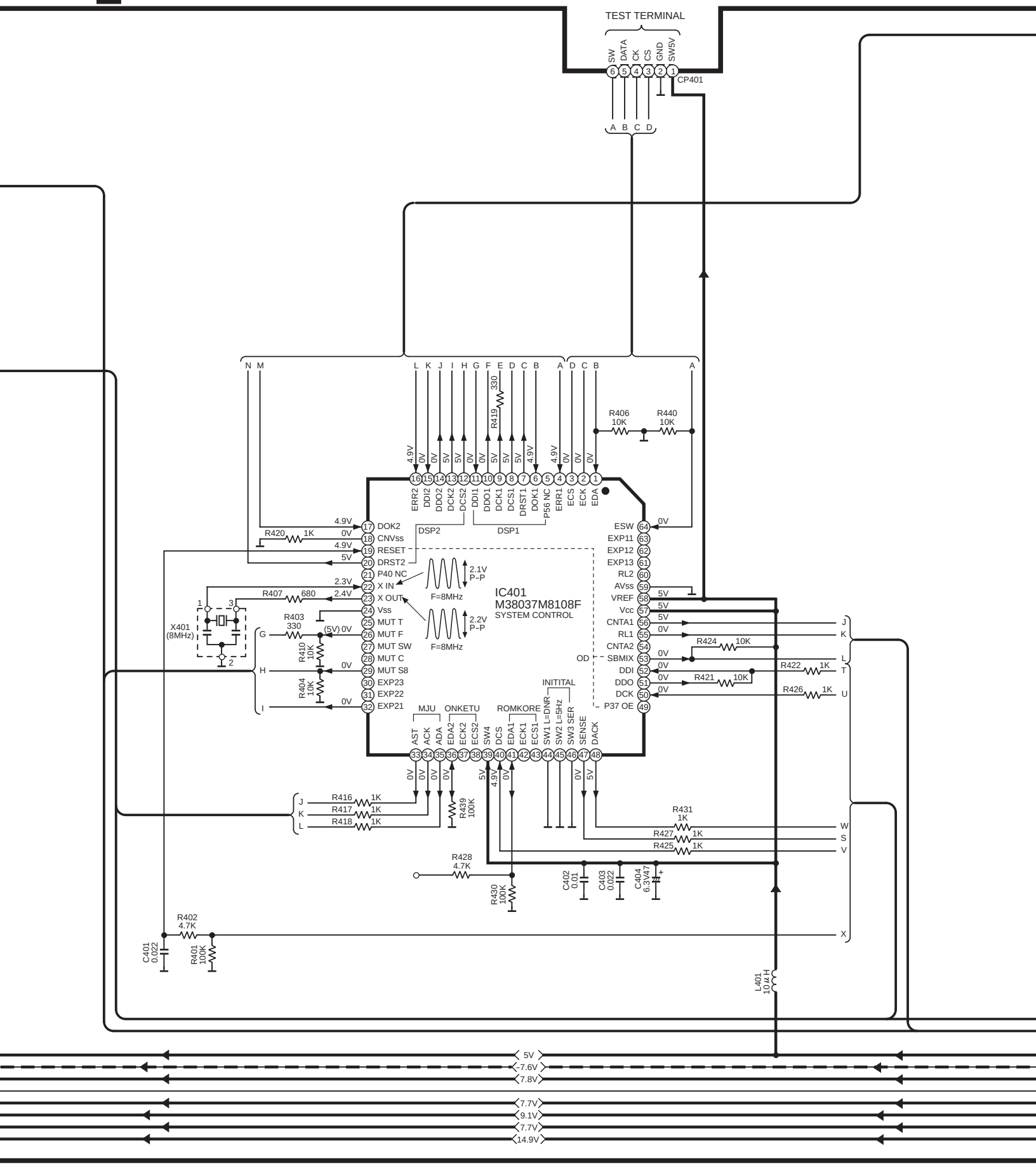
SCHEMATIC DIAGRAM-25

C MAIN CIRCUIT

:POSITIVE VOLTAGE LINE

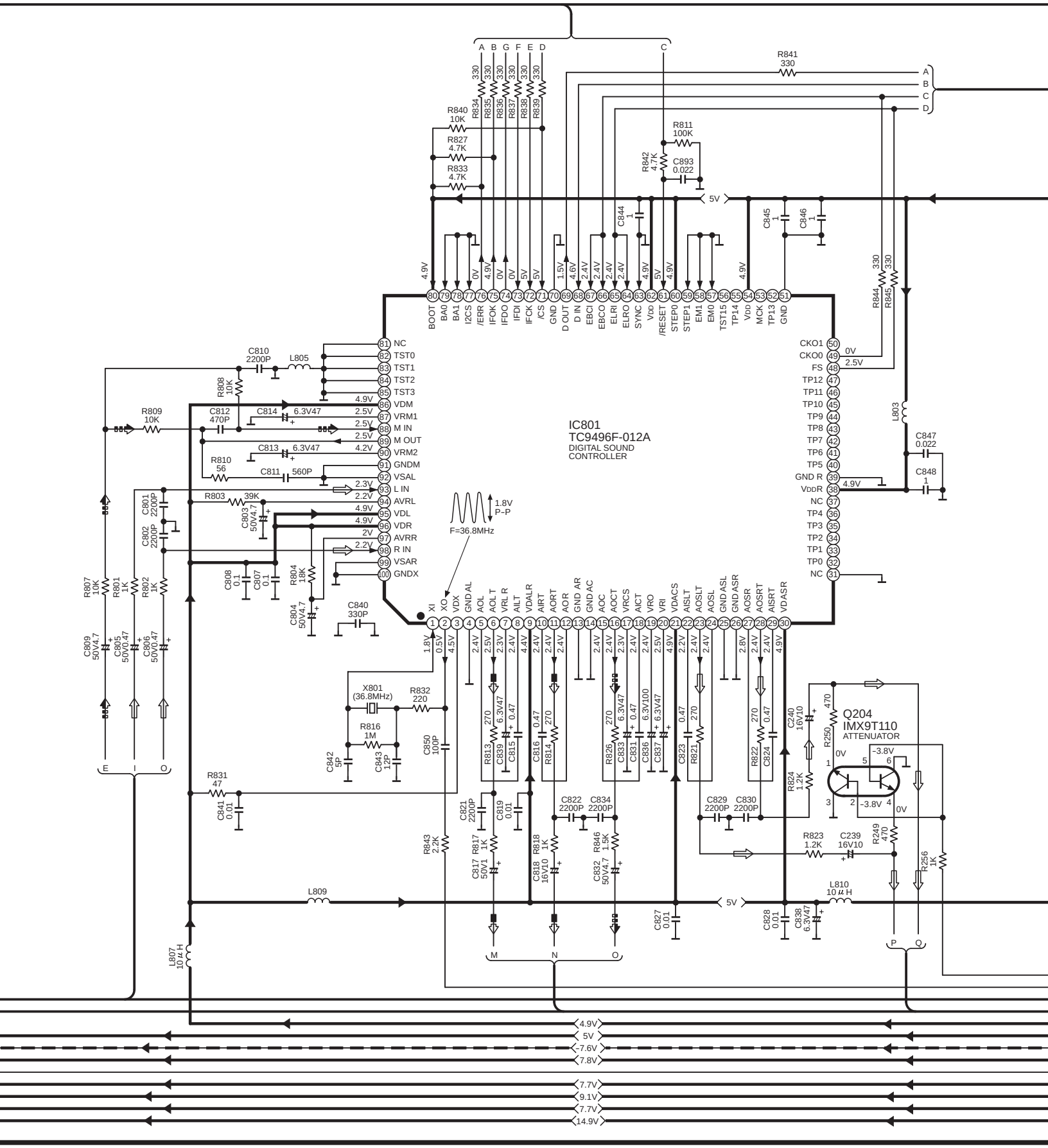
:NEGATIVE VOLTAGE LINE

:AUDIO SIGNAL LINE



SCHEMATIC DIAGRAM-26

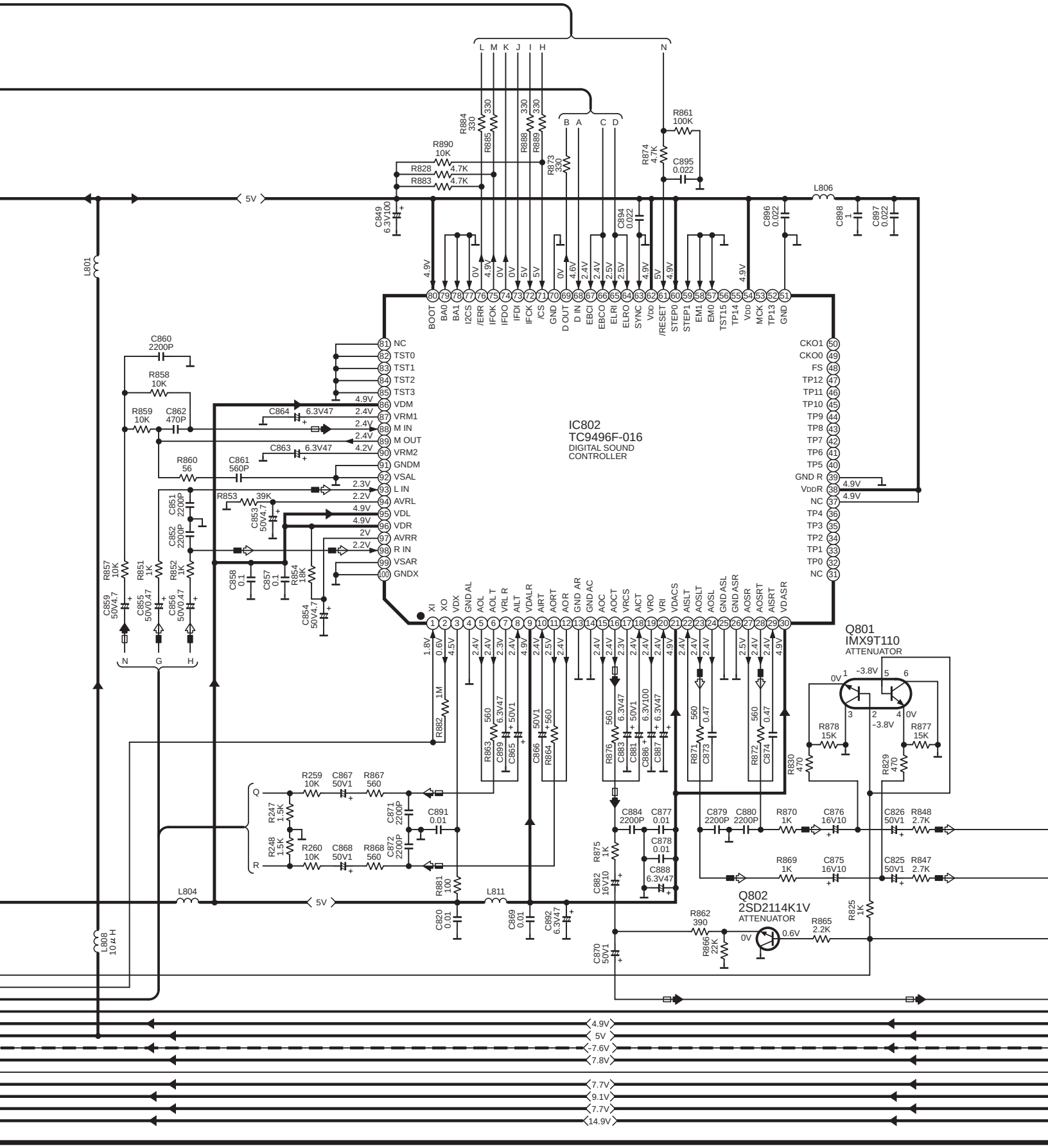
:POSITIVE VOLTAGE LINE :AUDIO/FRONT MID SP. DRIVE SIGNAL LINE
:NEGATIVE VOLTAGE LINE :SUB WOOFER/FRONT LOW SP DRIVE SIGNAL LINE :SURROUND/ FRONT HIGH SP DRIVE SIGNAL LINE



SCHEMATIC DIAGRAM-27

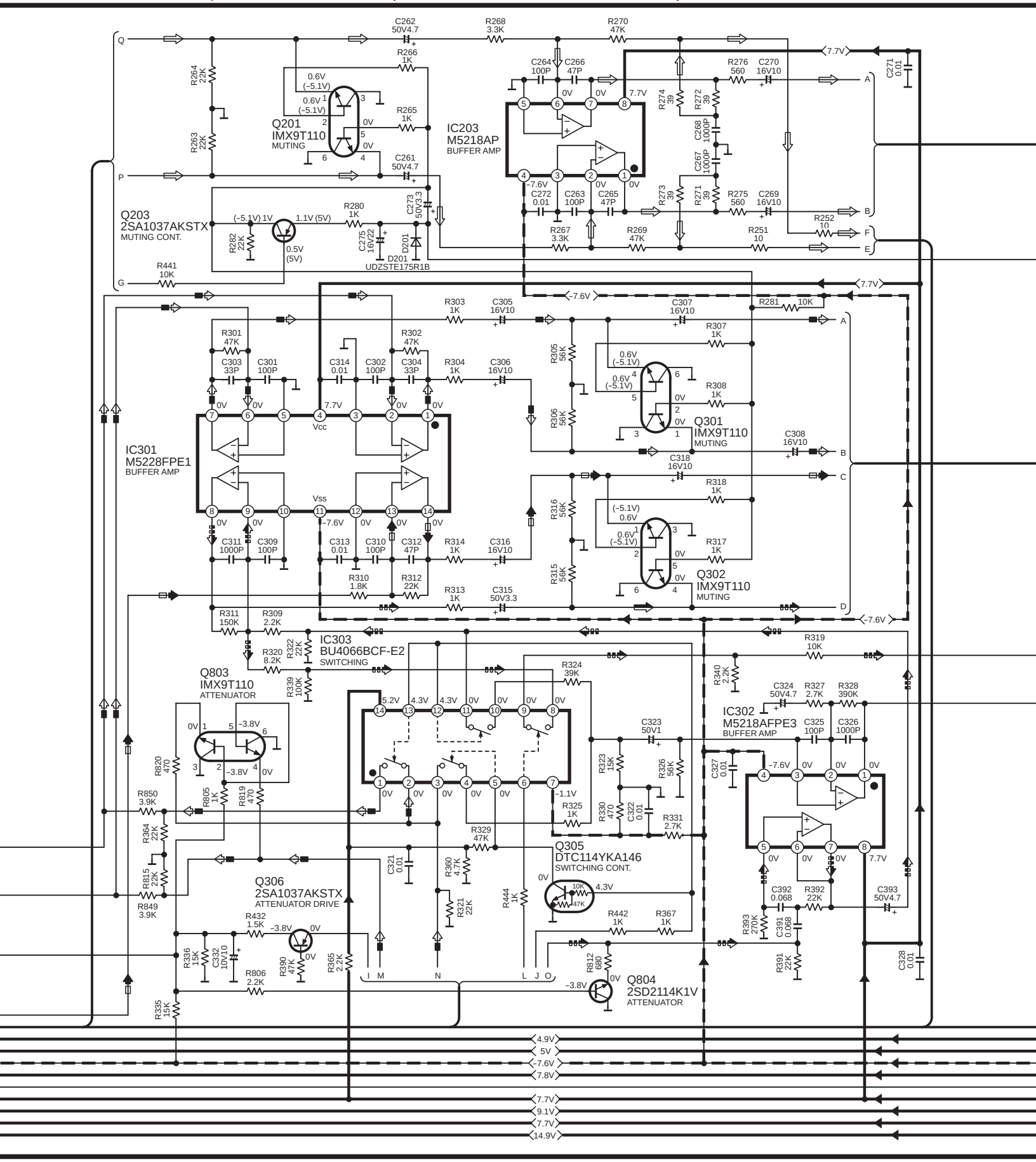
C MAIN CIRCUIT

:POSITIVE VOLTAGE LINE
:NEGATIVE VOLTAGE LINE
:AUDIO/ FRONT MID SP. DRIVE SIGNAL LINE
:SUB WOOFER/FRONT LOW SP DRIVE SIGNAL LINE
:SURROUND/ FRONT HIGH SP DRIVE SIGNAL LINE
:CENTER SP. DRIVE SIGNAL LINE



SCHEMATIC DIAGRAM-28

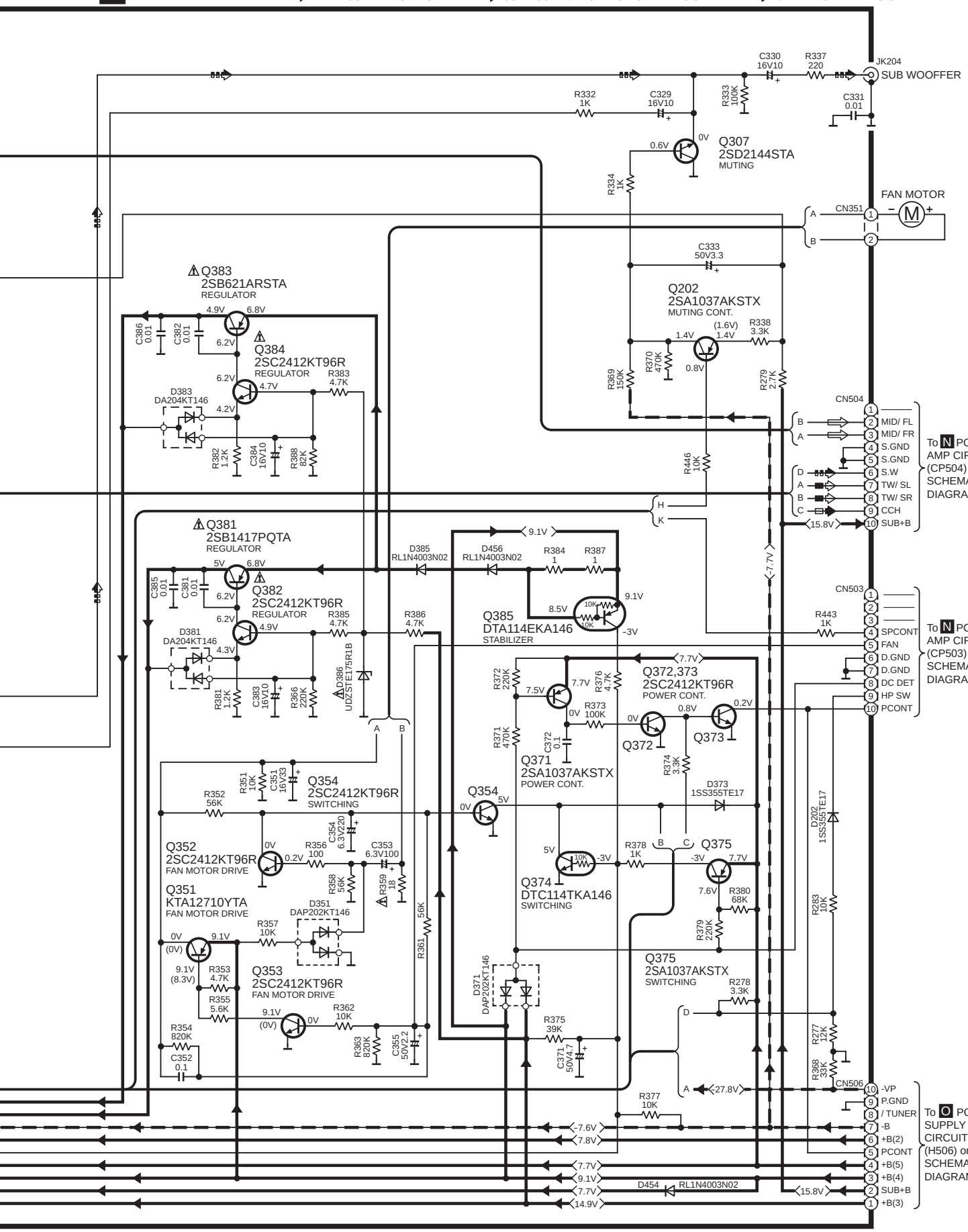
:POSITIVE VOLTAGE LINE
:NEGATIVE VOLTAGE LINE
:AUDIO/ FRONT MID SP. DRIVE SIGNAL LINE
:SUB WOOFER/FRONT LOW SP DRIVE SIGNAL LINE
:SURROUND/ FRONT HIGH SP DRIVE SIGNAL LINE
:CENTER SP. DRIVE SIGNAL LINE



SCHEMATIC DIAGRAM–29

C MAIN CIRCUIT

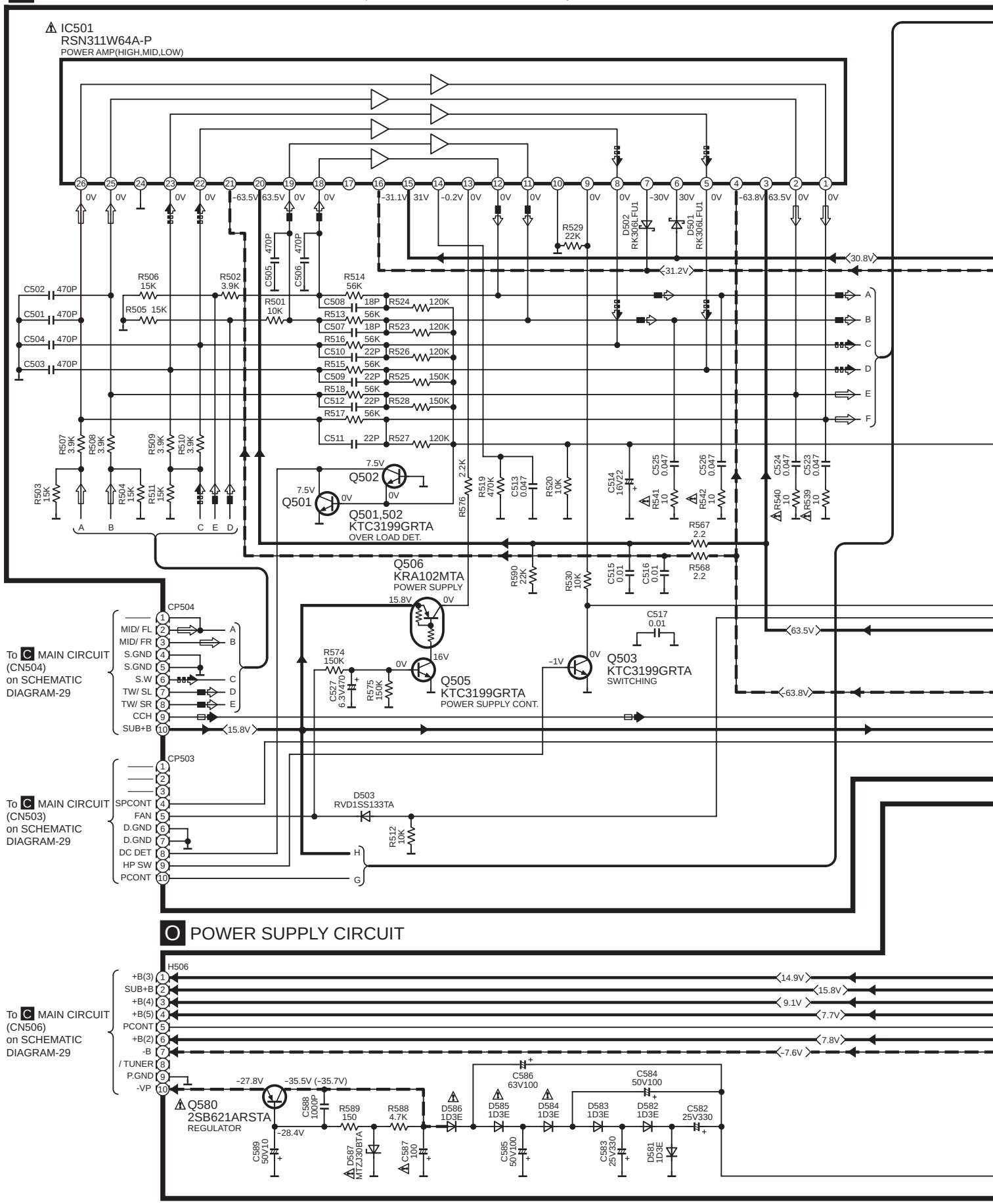
:NEGATIVE VOLTAGE LINE
:POSITIVE VOLTAGE LINE
:AUDIO/ FRONT MID SP. DRIVE SIGNAL LINE
:SUB WOOFER/ FRONT LOW SP DRIVE SIGNAL LINE
:SURROUND/ FRONT HIGH SP DRIVE SIGNAL LINE
:CENTER SP. DRIVE SIGNAL LINE



SCHEMATIC DIAGRAM-30

N POWER AMP CIRCUIT

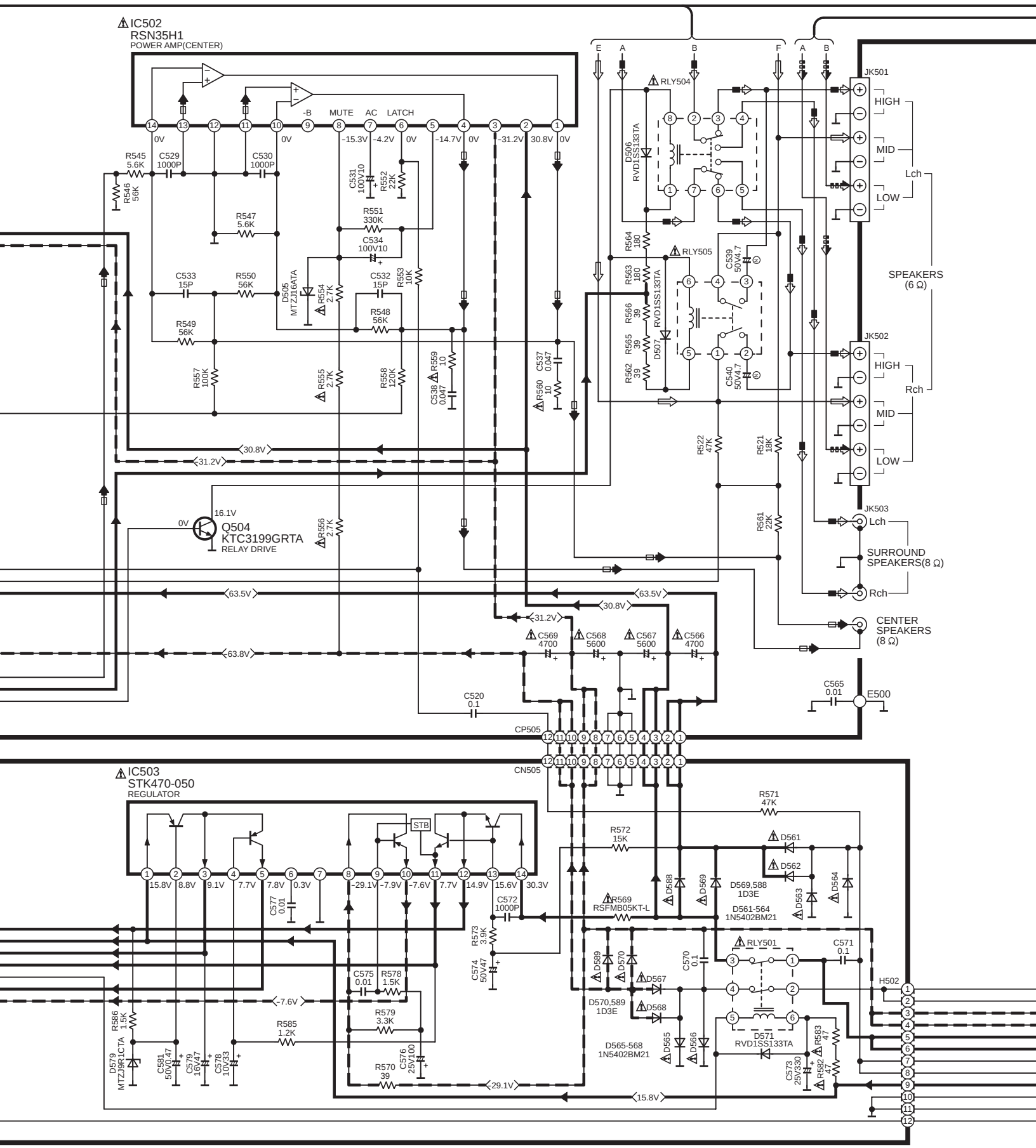
:NEGATIVE VOLTAGE LINE
:POSITIVE VOLTAGE LINE
:AUDIO/ FRONT MID SP. DRIVE SIGNAL LINE
:SUB WOOFER/FRONT LOW SP DRIVE SIGNAL LINE
:SURROUND/ FRONT HIGH SP DRIVE SIGNAL LINE



O POWER SUPPLY CIRCUIT

SCHEMATIC DIAGRAM-31

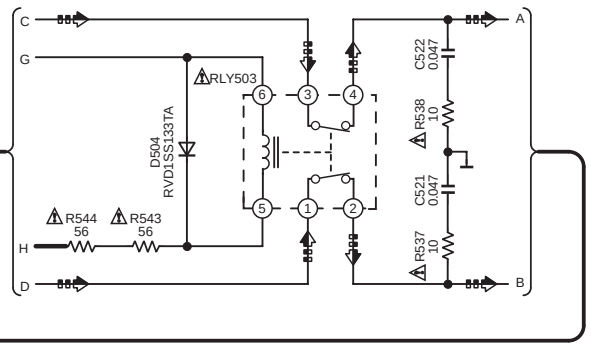
:POSITIVE VOLTAGE LINE
:NEGATIVE VOLTAGE LINE
:AUDIO/ FRONT MID SP. DRIVE SIGNAL LINE
:SUB WOOFER/FRONT LOW SP DRIVE SIGNAL LINE
:SURROUND/ FRONT HIGH SP DRIVE SIGNAL LINE
:CENTER SP. DRIVE SIGNAL LINE



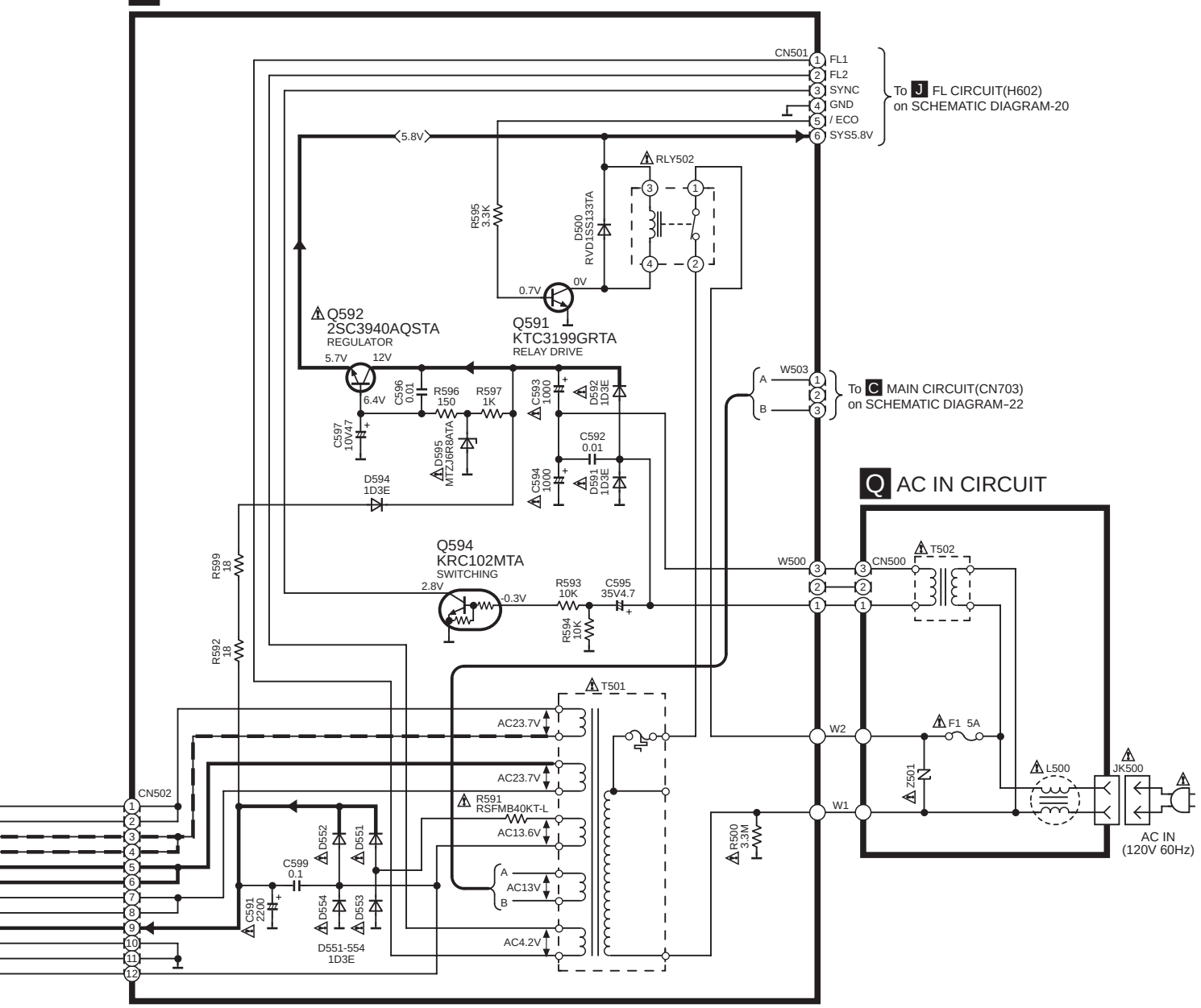
SCHEMATIC DIAGRAM-32

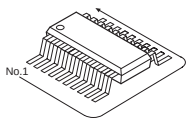
N POWER AMP CIRCUIT

:POSITIVE VOLTAGE LINE
:NEGATIVE VOLTAGE LINE
:SUB WOOFER/FRONT LOW SP DRIVE SIGNAL LINE



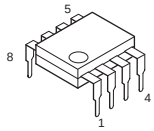
P POWER TRANSFORMER CIRCUIT





BU2090AF-E2	16PIN	M56V16160D8	50PIN	M38504M6209F	42PIN
M51167AFP-TB	36PIN	AT25020NS127	8PIN	TC4W66FUTL	8PIN
M62457FPE1	16PIN	NJU7313AMT2	30PIN		
PQ1R33	6PIN	M5218AFPE3	8PIN		
BU2285FV-E2	24PIN	BU4066BCF-E2	14PIN		
BA7665FS-E2	16PIN	M5228FPE1	14PIN		

M5218AP



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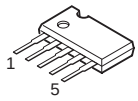
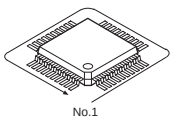
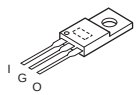




MN102H55GFB	100PIN
MN103S13BGA	144PIN
MN67706EA	100PIN
AN8707FH	64PIN
MN677532JA	208PIN
PCM1600Y1T2	48PIN

LM2940T5M



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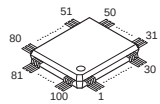

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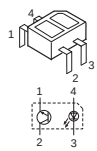

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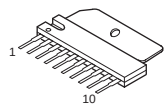

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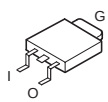

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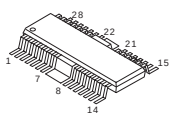

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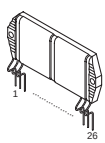

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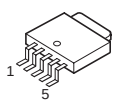

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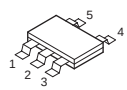

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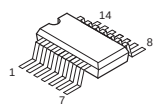

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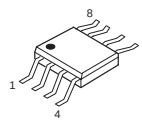

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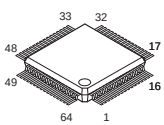

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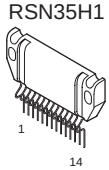

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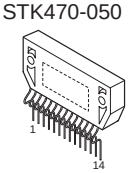

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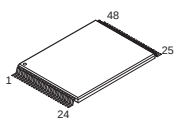

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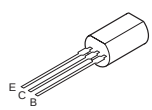

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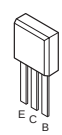

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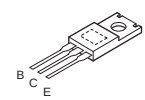

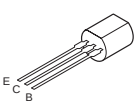

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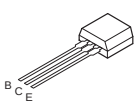
2SB621RTA
2SD1302STA
2SD965RTA
KTA12710YTA



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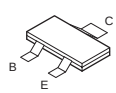
2SD2144STA
KRA102MTA
KRC102MTA
KTC3199GRTA
RVTDTV124EST
RVTDTC143EST



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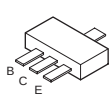
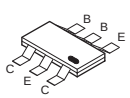
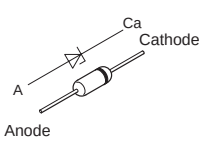


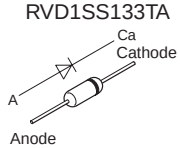
IMX9T110



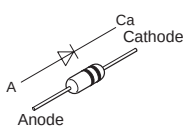


MTZJ30BTA
MTZJ4R7BTA
MTZJ6R8ATA
MTZJ16ATA
MTZJ9R1CTA

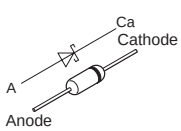
MA165TA
RVD1SS133TA



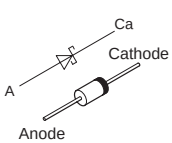
1SS291TA

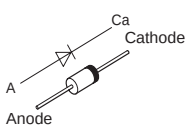


MA723TA

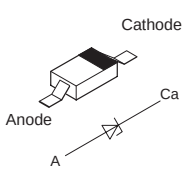


RK306LFU1



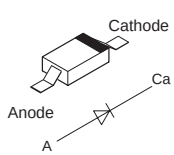


1D3E
RL1N4003N02
1N5402BM21

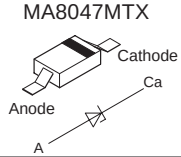


UDZSTE175R1B
UDZSTE177R5B
UDZSTE179R1B

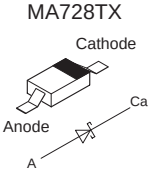
1SS355TE17



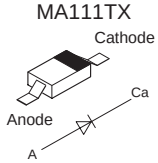
MA8036HTX
MA8047MTX



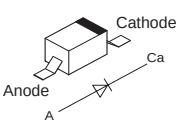
MA728TX



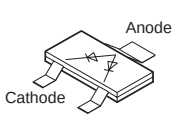
MA111TX



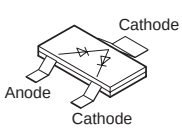
SFPB-72V



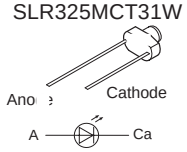
DAP202KT146



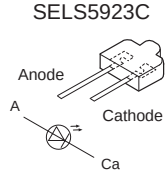
DA204KT146

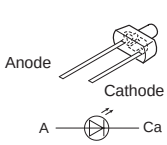


SLR325DCT31
SLR325MCT31W

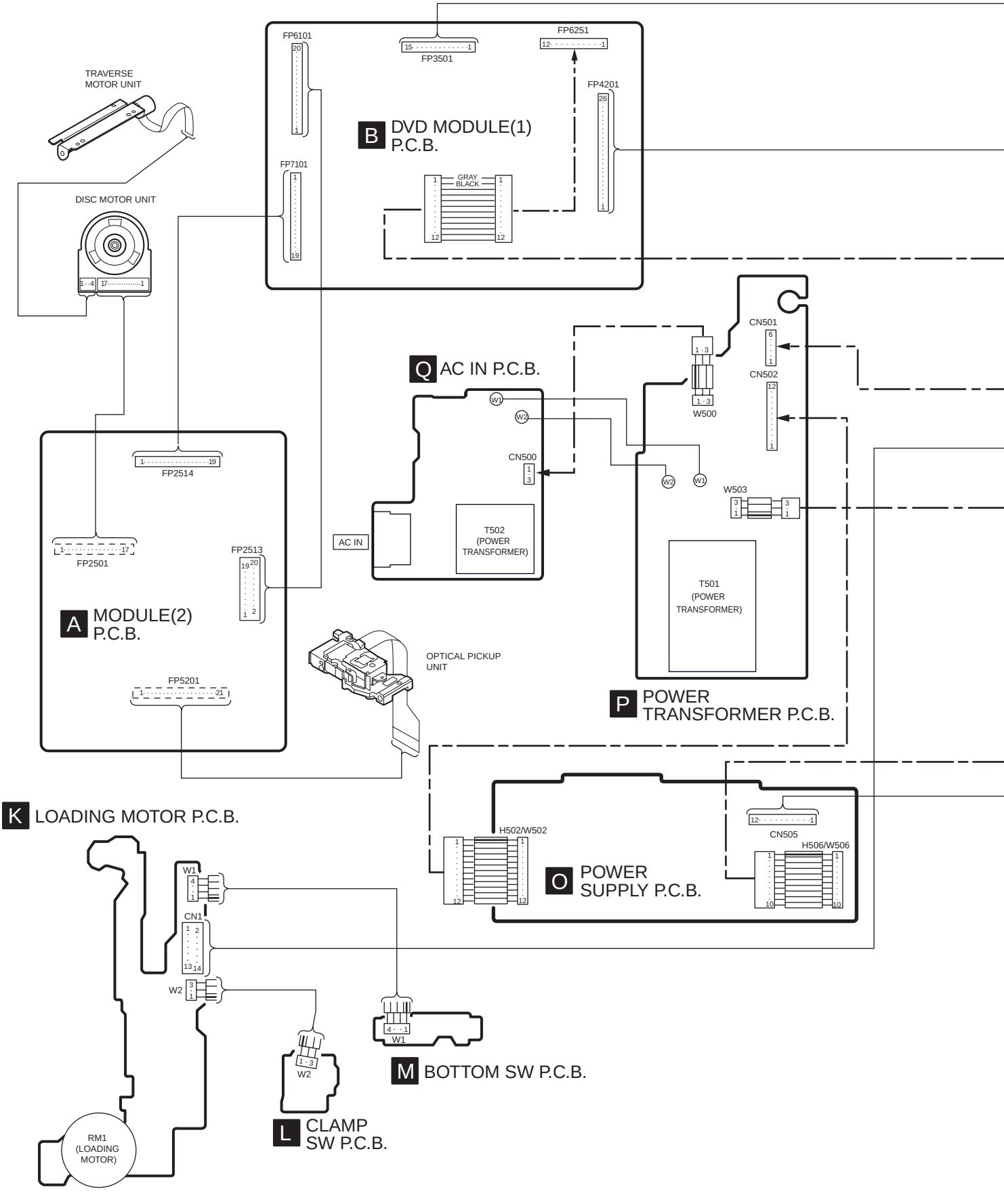


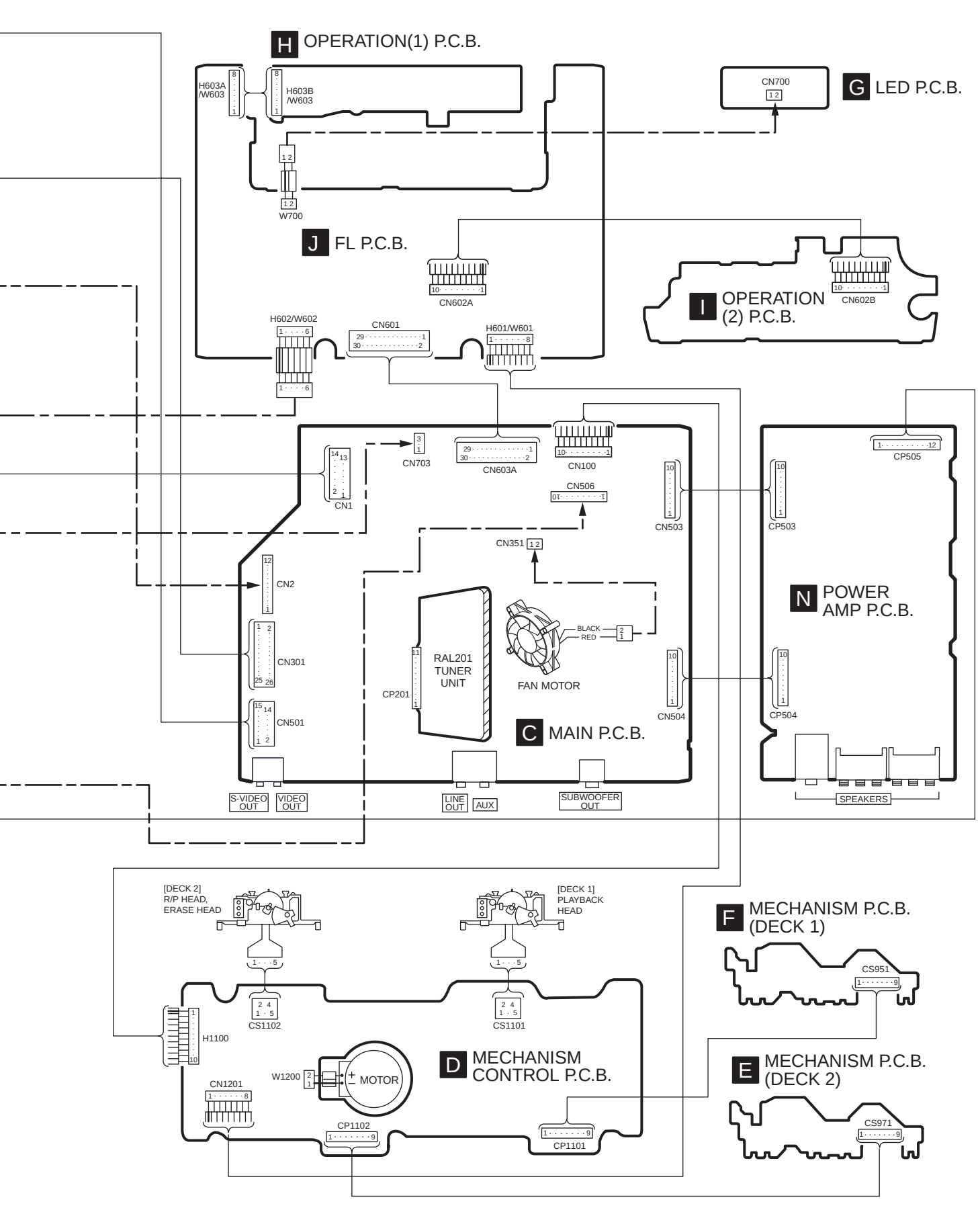
SELS5923C



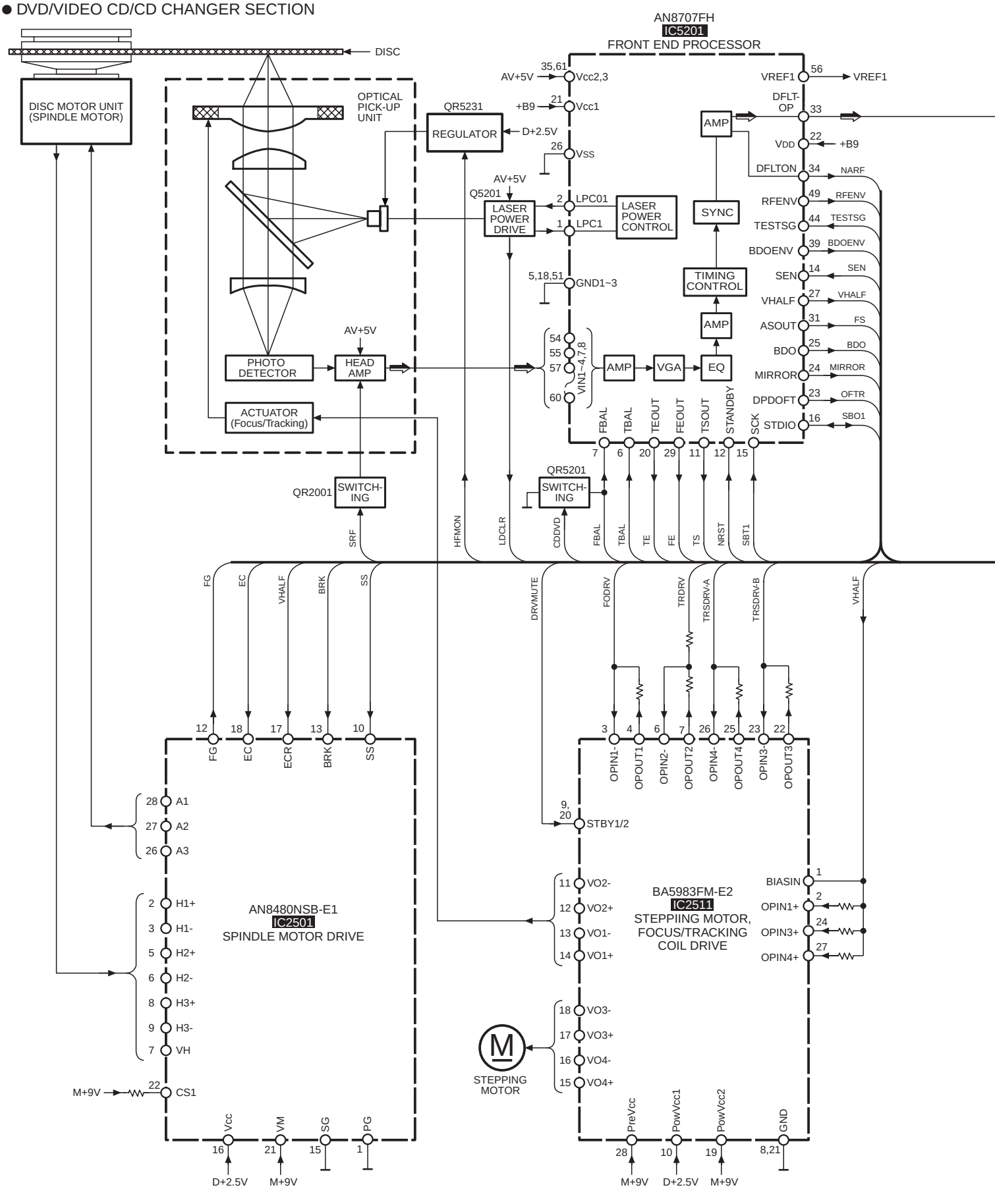


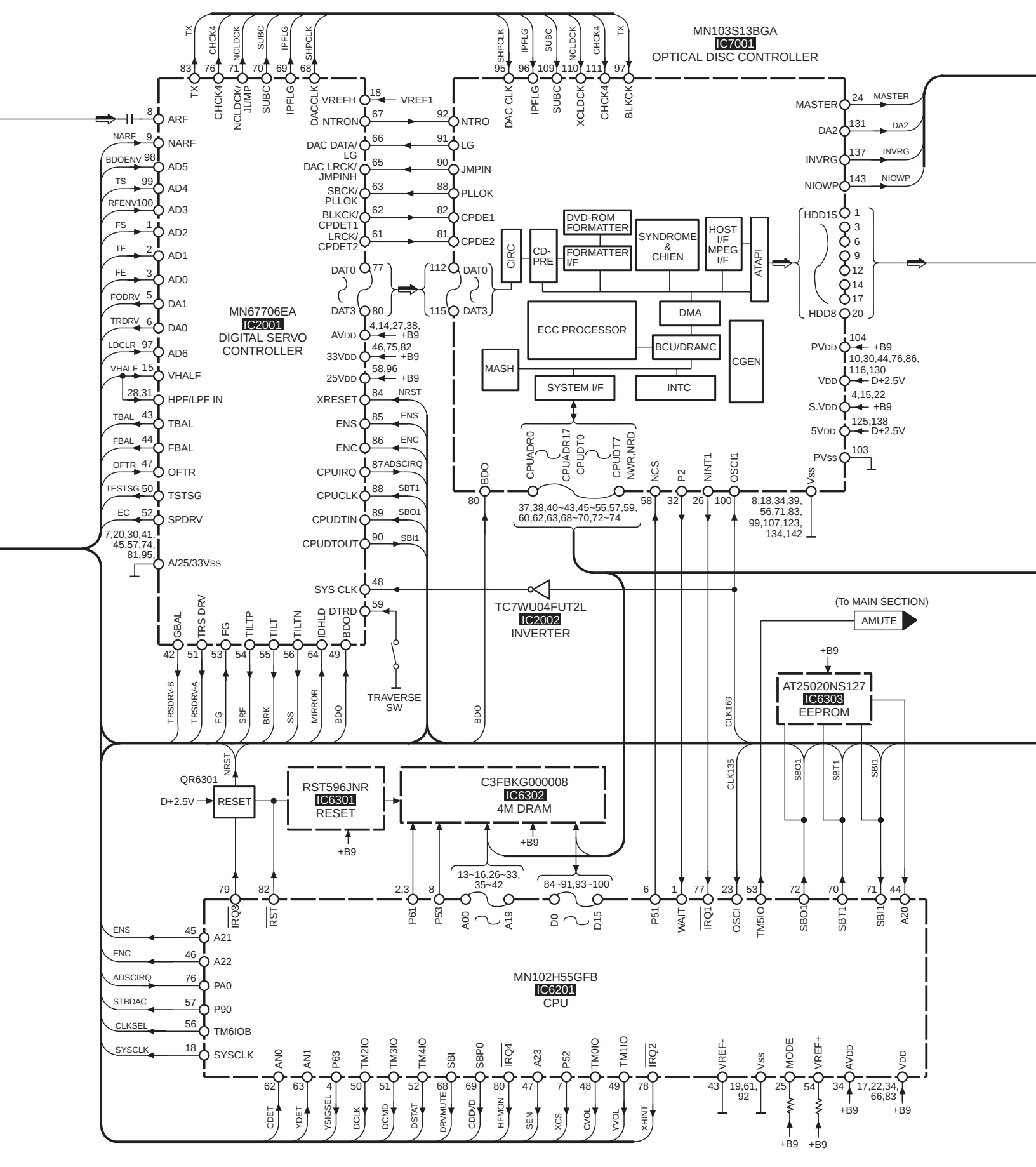
LNJ201LPQJA
LNJ301MPUJAD
LNJ801TPSJAD

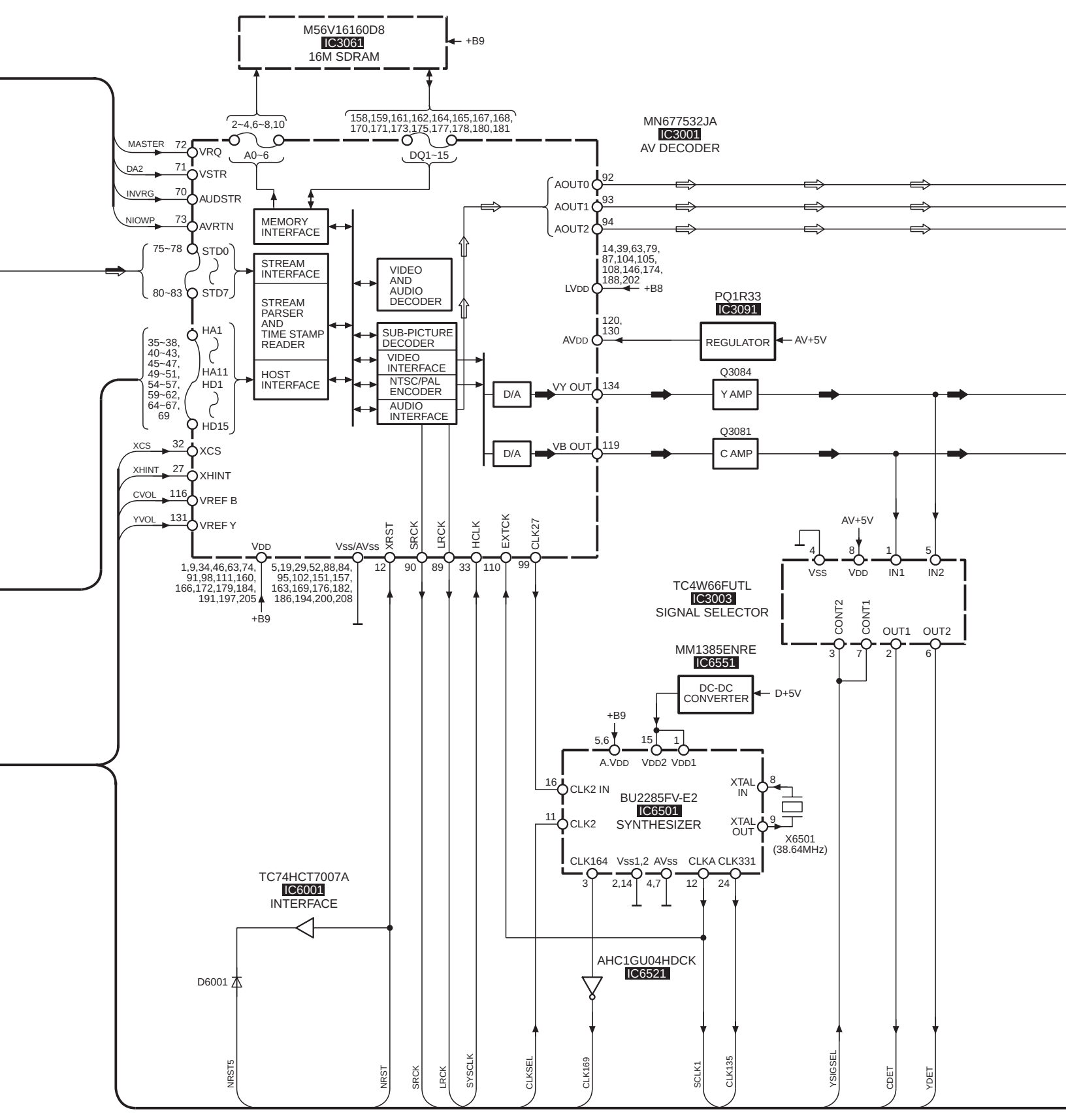

TRAVERSE MOTOR UNIT
DISC MOTOR UNIT
FP6101
FP3501
FP6251
FP4201
FP7101
B DVD MODULE(1) P.C.B.
GRAY
BLACK
Q AC IN P.C.B.
CN501
CN502
W500
CN500
W503
AC IN
T502 (POWER TRANSFORMER)
T501 (POWER TRANSFORMER)
P POWER TRANSFORMER P.C.B.
FP2514
FP2501
FP2513
A MODULE(2) P.C.B.
FP5201
OPTICAL PICKUP UNIT
K LOADING MOTOR P.C.B.
H502/W502
CN505
H506/W506
O POWER SUPPLY P.C.B.
W1
CN1
W2
M BOTTOM SW P.C.B.
L CLAMP SW P.C.B.
RM1 (LOADING MOTOR)

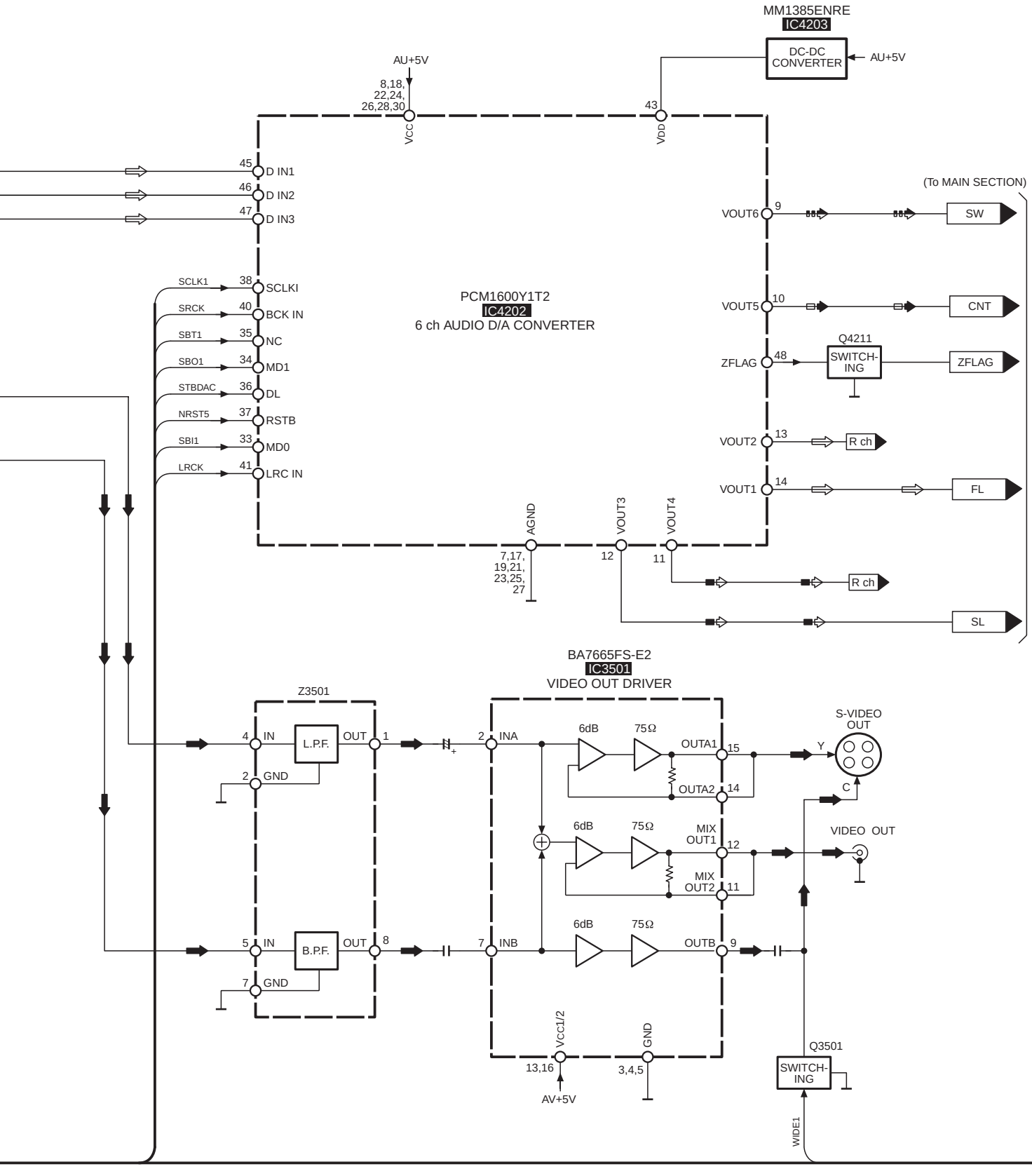

H OPERATION(1) P.C.B.
H603A /W603
H603B /W603
W700
G LED P.C.B.
CN700
J FL P.C.B.
CN602A
I OPERATION (2) P.C.B.
CN602B
H602/W602
CN601
H601/W601
CN703
CN603A
CN100
CN506
CN503
CN1
CN351
CN2
CN301
CN501
RAL201 TUNER UNIT
CP201
FAN MOTOR
BLACK
RED
C MAIN P.C.B.
CN504
CP505
CP503
N POWER AMP P.C.B.
CP504
S-VIDEO OUT
VIDEO OUT
LINE OUT
AUX
SUBWOOFER OUT
SPEAKERS
[DECK 2] R/P HEAD, ERASE HEAD
[DECK 1] PLAYBACK HEAD
F MECHANISM P.C.B. (DECK 1)
CS951
CS1102
CS1101
H1100
W1200
MOTOR
D MECHANISM CONTROL P.C.B.
CN1201
CP1102
CP1101
E MECHANISM P.C.B. (DECK 2)
CS971

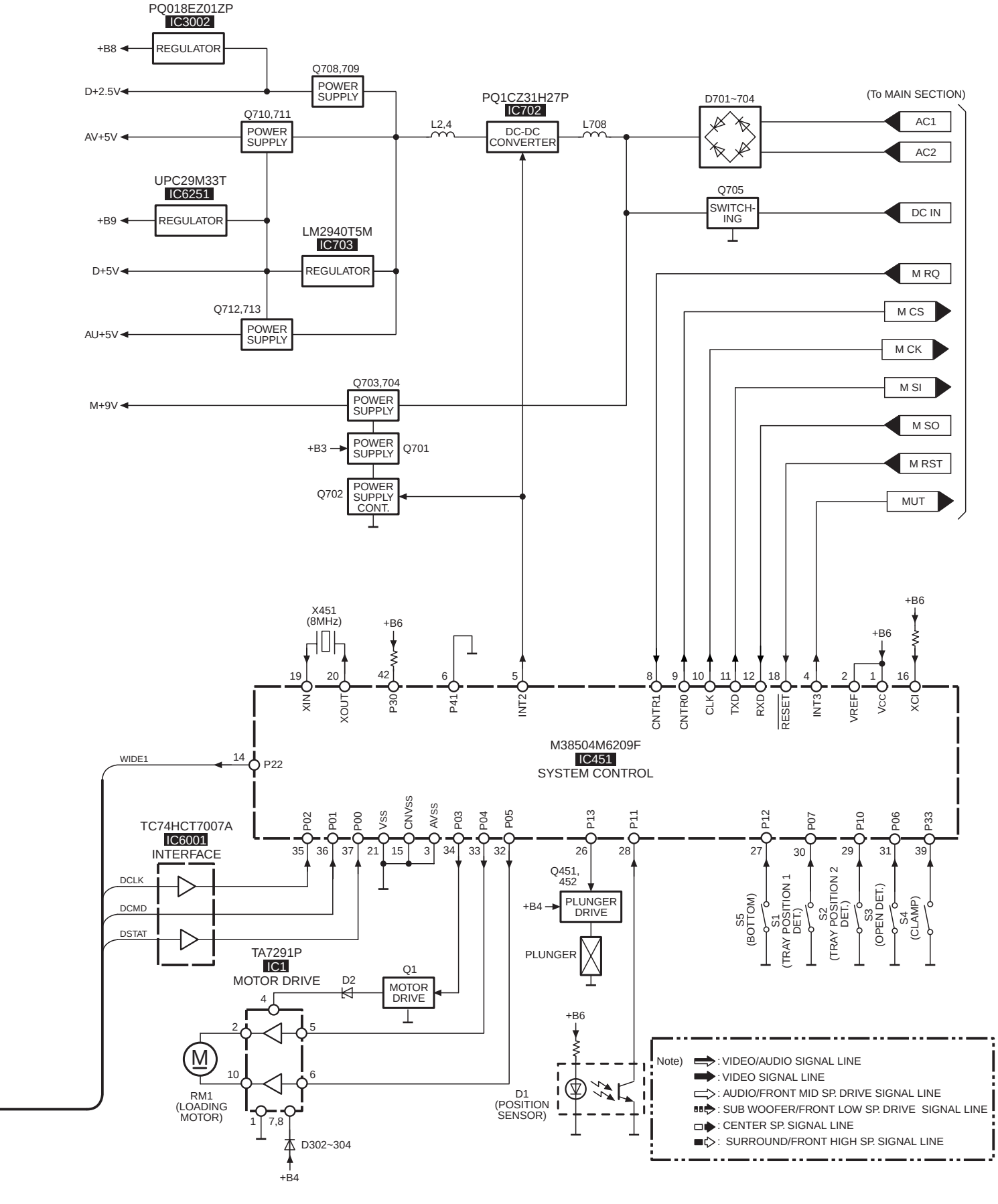
● DVD/VIDEO CD/CD CHANGER SECTION




MN103S13BGA
IC7001
OPTICAL DISC CONTROLLER
MN67706EA
IC2001
DIGITAL SERVO CONTROLLER
TC7WU04FUT2L
IC2002
INVERTER
AT25020NS127
IC6303
EEPROM
RST596JNR
IC6301
RESET
C3FBKG000008
IC6302
4M DRAM
MN102H55GFB
IC6201
CPU
DVD-ROM FORMATTER
FORMATTER I/F
SYNDROME & CHIEN
HOST I/F MPEG I/F
ATAPI
CIRC
CD-PRE
ECC PROCESSOR
DMA
BCU/DRAMC
MASH
SYSTEM I/F
INTC
CGEN
TRAVERSE SW
(To MAIN SECTION)
AMUTE
QR6301
RESET
D+2.5V
+B9

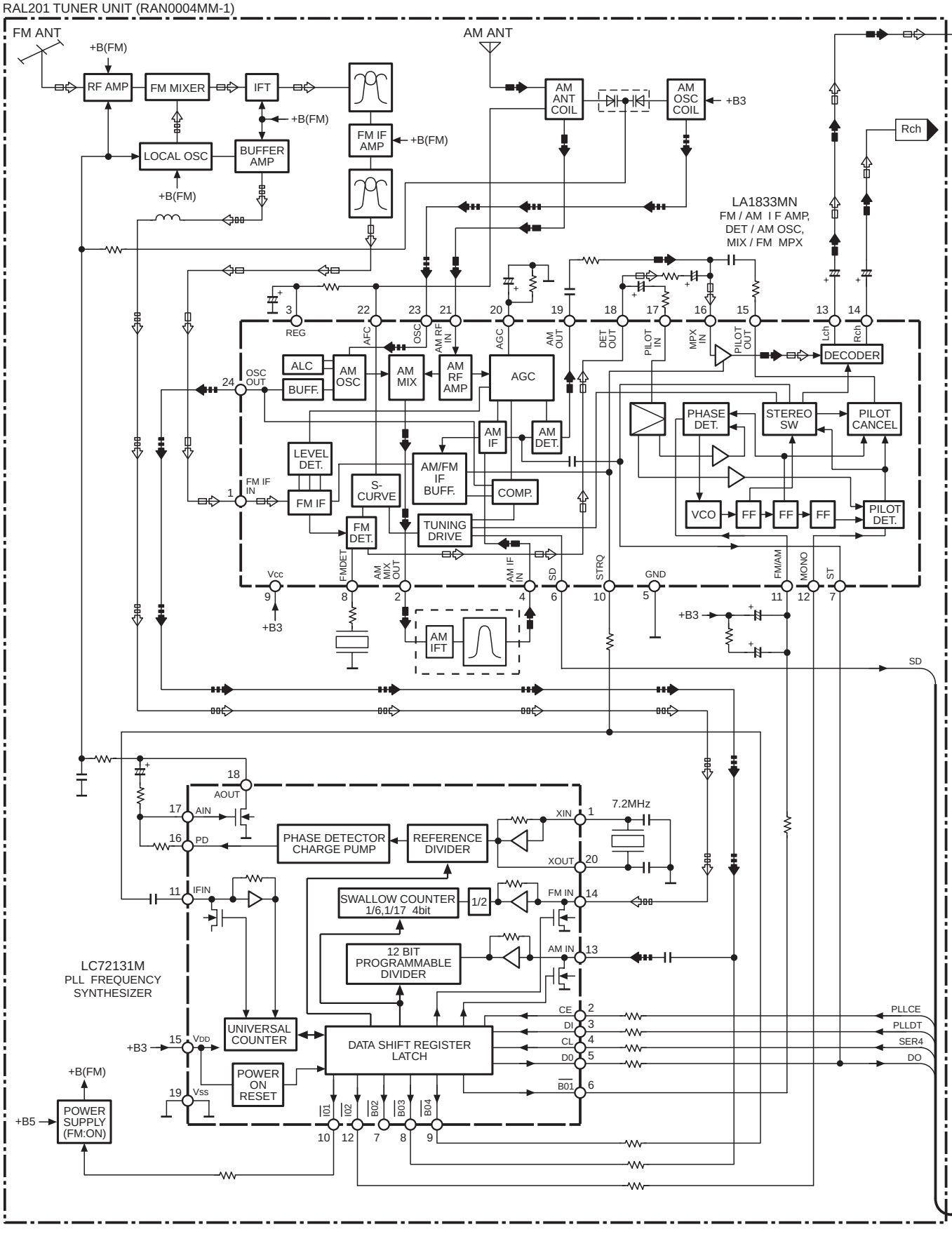

M56V16160D8
IC3061
16M SDRAM
+B9
2~4,6~8,10
A0~6
158,159,161,162,164,165,167,168,
170,171,173,175,177,178,180,181
DQ1~15
MN677532JA
IC3001
AV DECODER
MASTER
DA2
INVRG
NIOWP
72 VRQ
71 VSTR
70 AUDSTR
73 AVRTN
MEMORY INTERFACE
75~78 STD0
80~83 STD7
STREAM INTERFACE
STREAM PARSER AND TIME STAMP READER
HOST INTERFACE
VIDEO AND AUDIO DECODER
SUB-PICTURE DECODER
VIDEO INTERFACE
NTSC/PAL ENCODER
AUDIO INTERFACE
35~38, 40~43, 45~47, 49~51, 54~57, 59~62, 64~67, 69
HA1
HA11
HD1
HD15
AOUT0 92
AOUT1 93
AOUT2 94
14,39,63,79, 87,104,105, 108,146,174, 188,202
LVDD
+B8
PQ1R33
IC3091
120, 130
AVDD
REGULATOR
AV+5V
D/A
VY OUT 134
Q3084
Y AMP
VB OUT 119
Q3081
C AMP
XCS 32
XHINT 27
CVOL 116
YVOL 131
XCS
XHINT
VREF B
VREF Y
VDD
Vss/AVss
XRST 12
SRCK 90
LRCK 89
HCLK 33
EXTCK 110
CLK27 99
1,9,34,46,63,74, 91,98,111,160, 166,172,179,184, 191,197,205
5,19,29,52,88,84, 95,102,151,157, 163,169,176,182, 186,194,200,208
+B9
AV+5V
4 VSS
8 VDD
1 IN1
5 IN2
TC4W66FUTL
IC3003
SIGNAL SELECTOR
CONT2
CONT1
OUT1
OUT2
3
7
2
6
MM1385ENRE
IC6551
DC-DC CONVERTER
D+5V
+B9
5,6 A.VDD
15 VDD2
1 VDD1
16 CLK2 IN
11 CLK2
BU2285FV-E2
IC6501
SYNTHESIZER
XTAL IN 8
XTAL OUT 9
X6501
(38.64MHz)
CLK164 3
Vss1,2 2,14
AVss 4,7
CLKA 12
CLK331 24
TC74HCT7007A
IC6001
INTERFACE
D6001
AHC1GU04HDCK
IC6521
NRST5
NRST
SRCK
LRCK
SYSCLK
CLKSEL
CLK169
SCLK1
CLK135
YSIGSEL
CDET
YDET

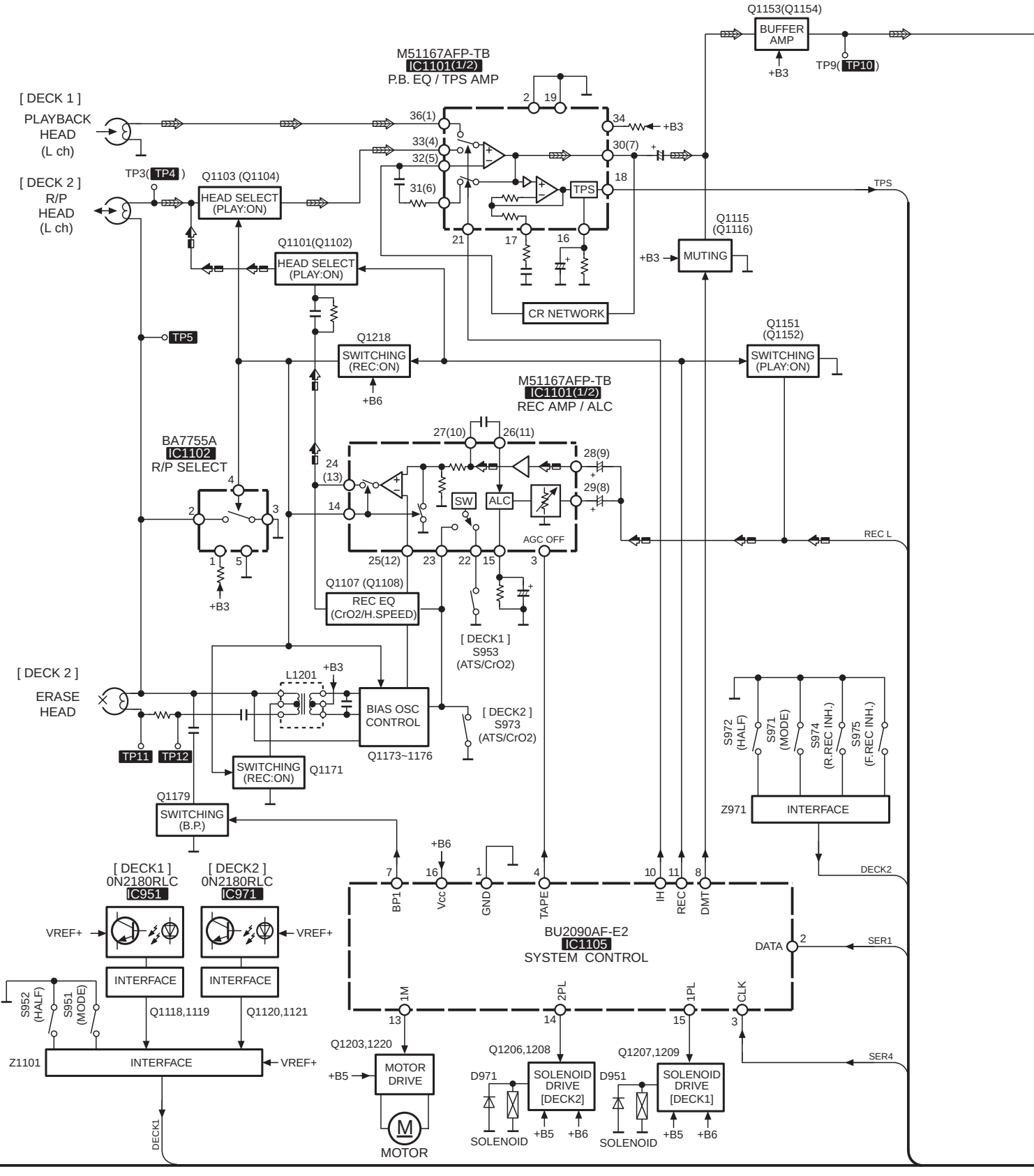

MM1385ENRE
IC4203
DC-DC CONVERTER
AU+5V
AU+5V
8,18, 22,24, 26,28,30
Vcc
43
VDD
45 D IN1
46 D IN2
47 D IN3
(To MAIN SECTION)
VOUT6 9
SW
SCLK1 38 SCLKI
SRCK 40 BCK IN
SBT1 35 NC
SBO1 34 MD1
STBDAC 36 DL
NRST5 37 RSTB
SBI1 33 MD0
LRCK 41 LRC IN
PCM1600Y1T2
IC4202
6 ch AUDIO D/A CONVERTER
VOUT5 10
CNT
Q4211
ZFLAG 48
SWITCH-ING
ZFLAG
VOUT2 13
R ch
VOUT1 14
FL
AGND
VOUT3
VOUT4
7,17, 19,21, 23,25, 27
12
11
R ch
SL
BA7665FS-E2
IC3501
VIDEO OUT DRIVER
Z3501
4 IN
L.P.F.
OUT 1
2 GND
2 INA
6dB
75Ω
OUTA1 15
OUTA2 14
S-VIDEO OUT
Y
C
6dB
75Ω
MIX OUT1 12
MIX OUT2 11
VIDEO OUT
5 IN
B.P.F.
OUT 8
7 GND
7 INB
6dB
75Ω
OUTB 9
Vcc1/2
GND
13,16
3,4,5
AV+5V
Q3501
SWITCH-ING
WIDE1

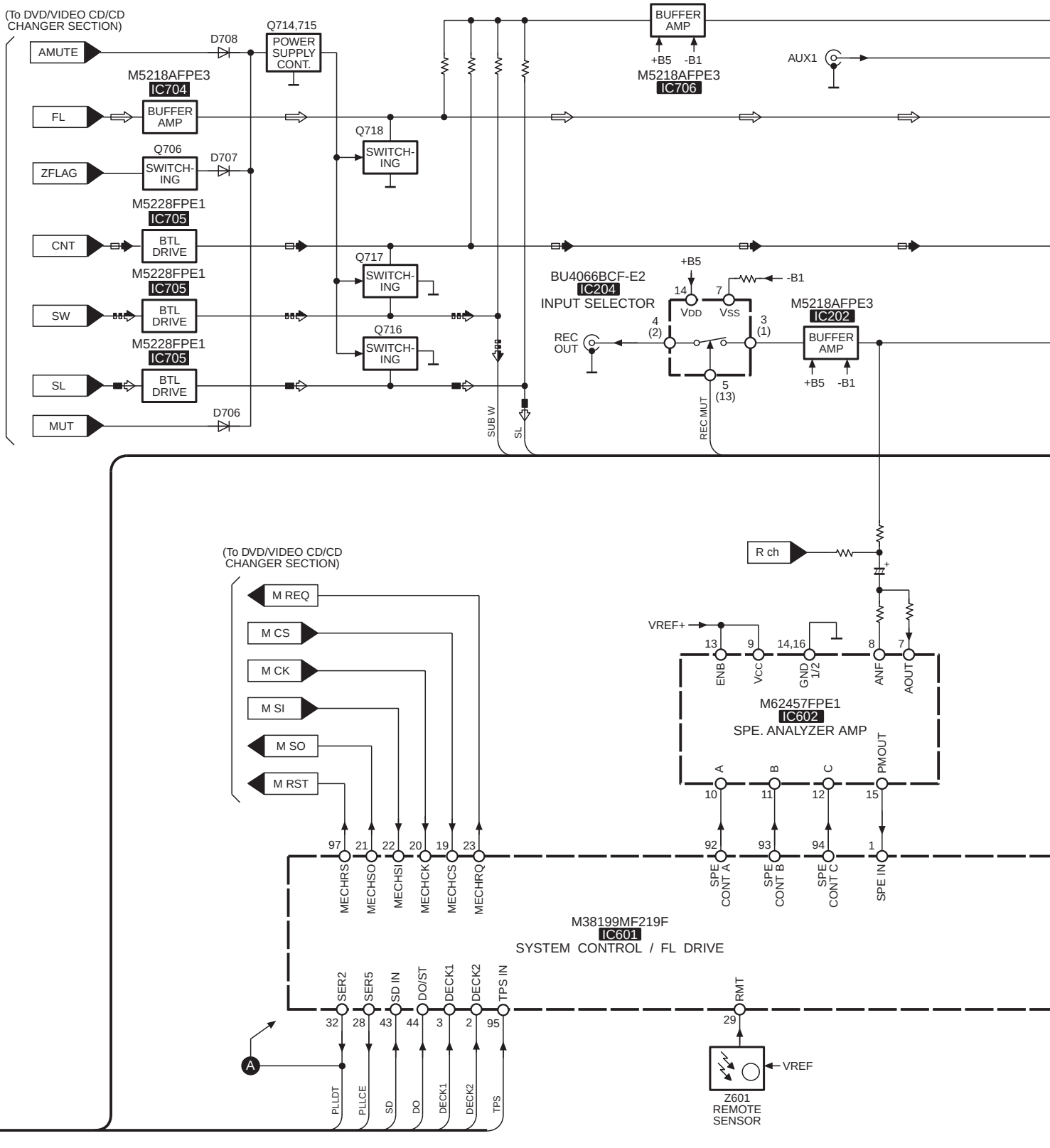

PQ018EZ01ZP
IC3002
REGULATOR
+B8
D+2.5V
Q708,709
POWER SUPPLY
AV+5V
Q710,711
POWER SUPPLY
L2,4
PQ1CZ31H27P
IC702
DC-DC CONVERTER
L708
D701~704
(To MAIN SECTION)
AC1
AC2
UPC29M33T
IC6251
+B9
REGULATOR
Q705
SWITCH-ING
DC IN
LM2940T5M
IC703
D+5V
REGULATOR
M RQ
M CS
M CK
M SI
M SO
M RST
MUT
Q712,713
AU+5V
POWER SUPPLY
Q703,704
M+9V
POWER SUPPLY
+B3
POWER SUPPLY
Q701
Q702
POWER SUPPLY CONT.
X451
(8MHz)
+B6
XIN
XOUT
P30
P41
INT2
CNTR1
CNTR0
CLK
TXD
RXD
RESET
INT3
VREF
VCC
XCI
M38504M6209F
IC451
SYSTEM CONTROL
WIDE1
P22
TC74HCT7007A
IC6001
INTERFACE
DCLK
DCMD
DSTAT
P02
P01
P00
VSS
CNVSS
AVSS
P03
P04
P05
P13
P11
P12
P07
P10
P06
P33
Q451, 452
+B4
PLUNGER DRIVE
PLUNGER
S5 (BOTTOM)
S1 (TRAY POSITION 1 DET.)
S2 (TRAY POSITION 2 DET.)
S3 (OPEN DET.)
S4 (CLAMP)
TA7291P
IC1
MOTOR DRIVE
D2
Q1
MOTOR DRIVE
RM1 (LOADING MOTOR)
D1 (POSITION SENSOR)
D302~304
+B4
Note)
: VIDEO/AUDIO SIGNAL LINE
: VIDEO SIGNAL LINE
: AUDIO/FRONT MID SP. DRIVE SIGNAL LINE
: SUB WOOFER/FRONT LOW SP. DRIVE SIGNAL LINE
: CENTER SP. SIGNAL LINE
: SURROUND/FRONT HIGH SP. SIGNAL LINE

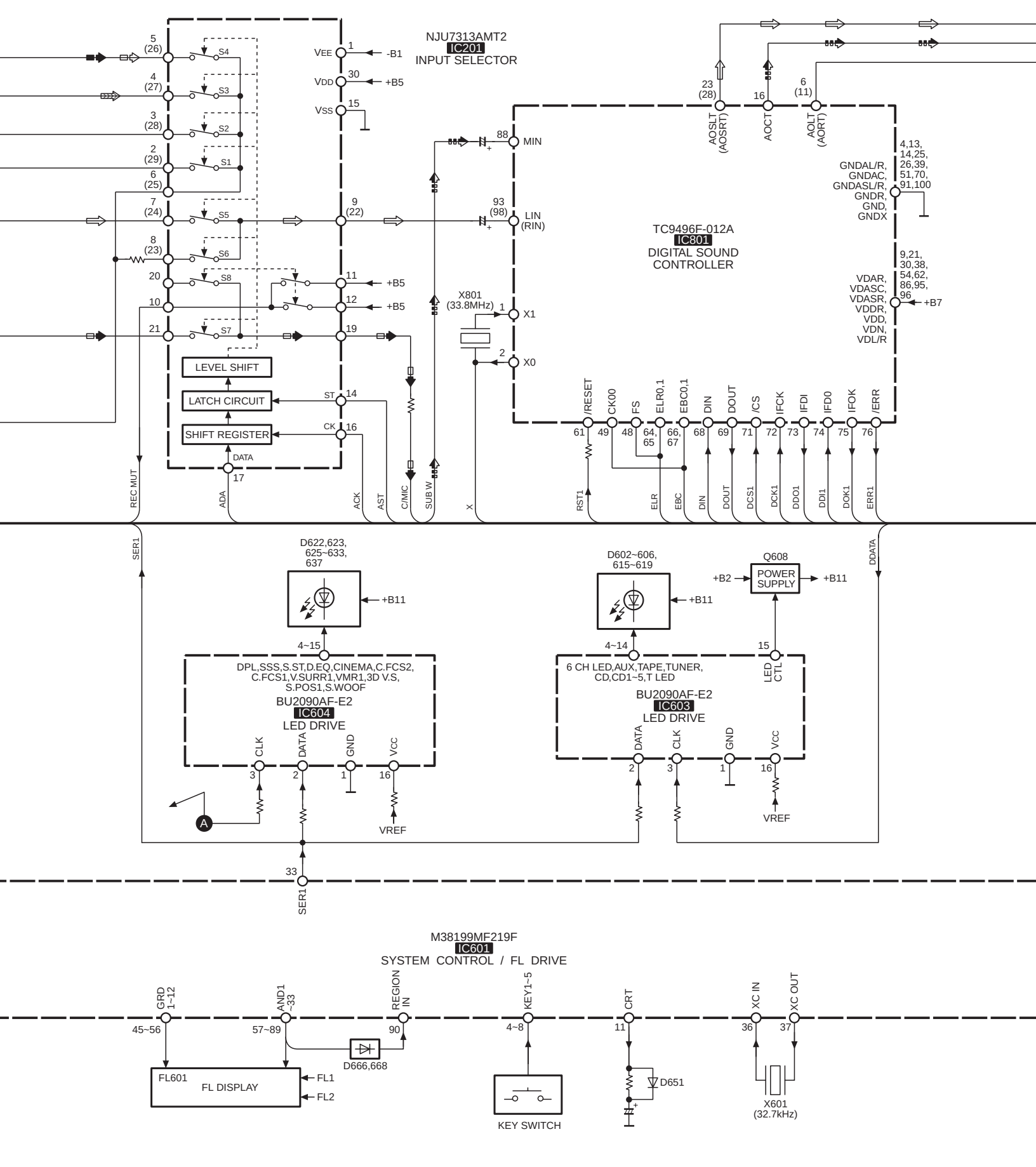
● MAIN SECTION

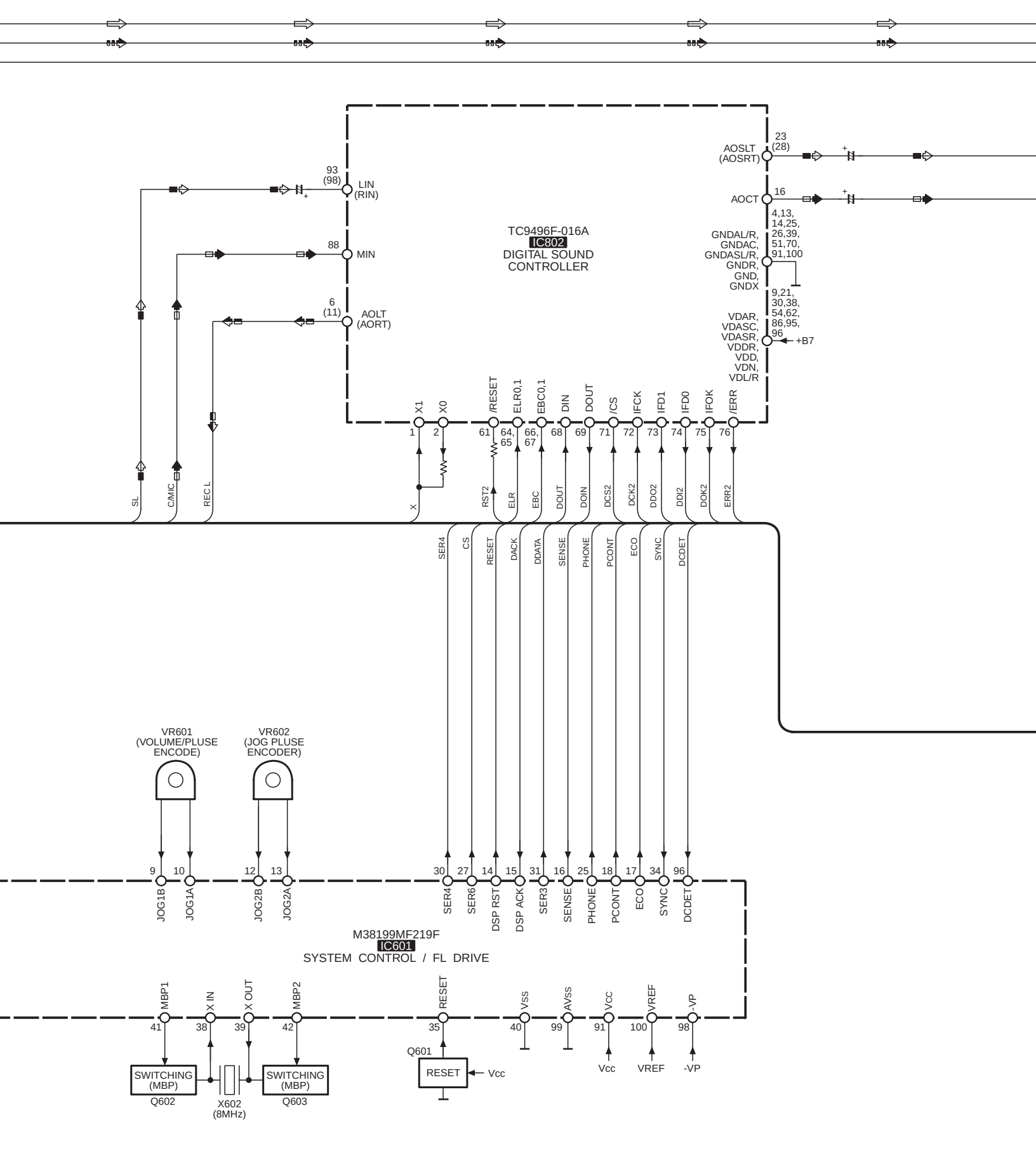
RAL201 TUNER UNIT (RAN0004MM-1)

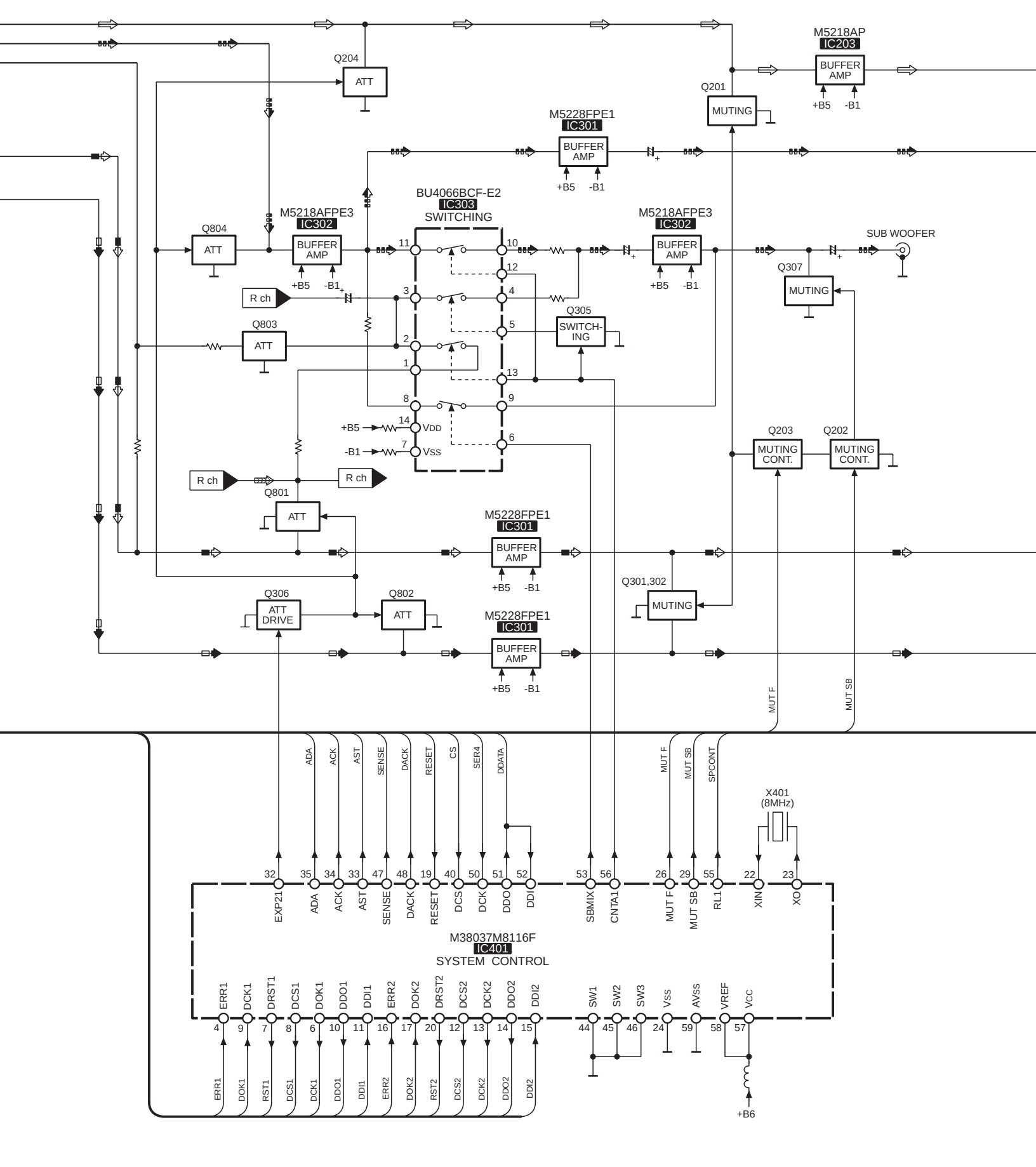


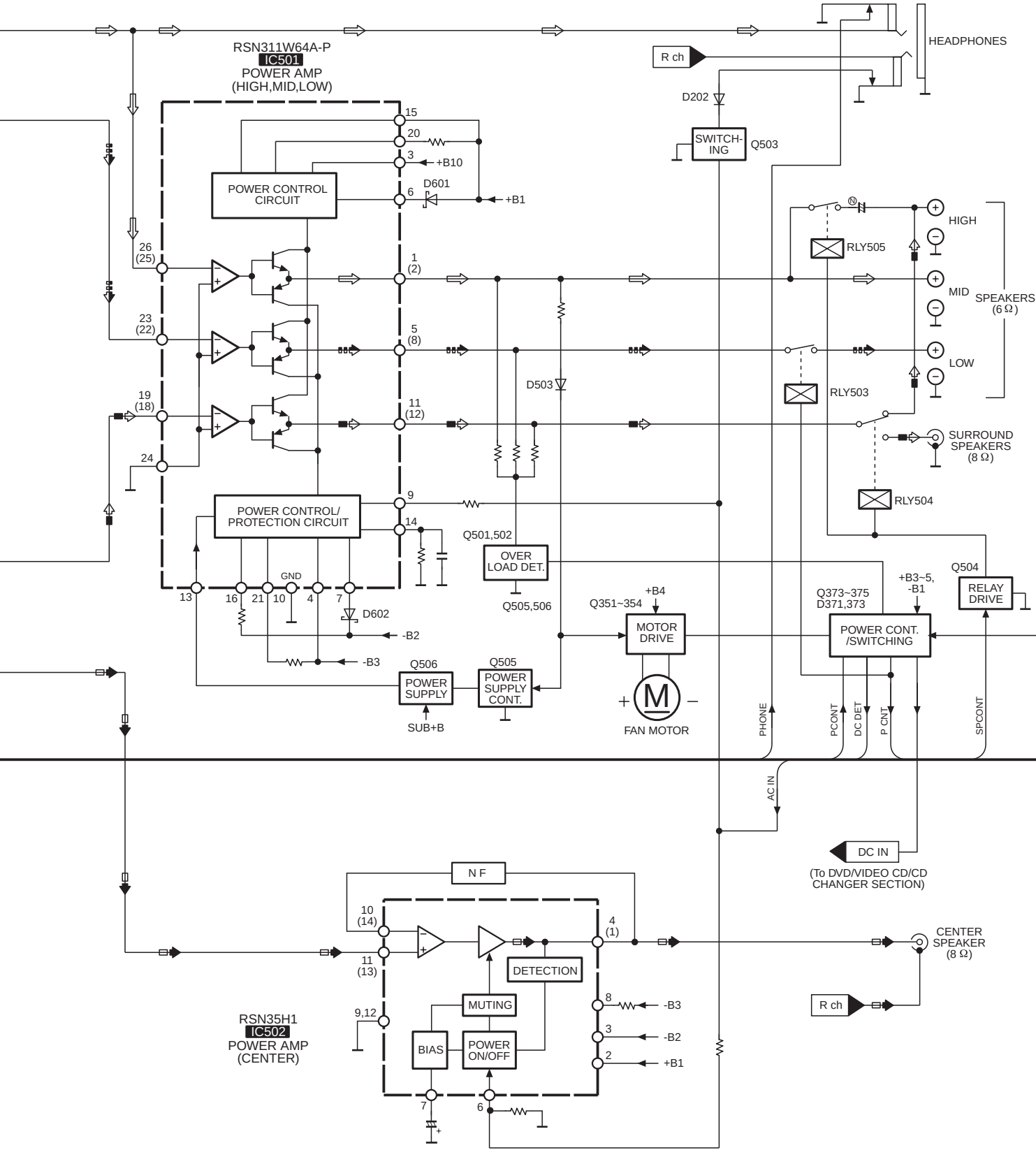

Q1153(Q1154)
BUFFER AMP
+B3
TP9(TP10)
M51167AFP-TB
IC1101(1/2)
P.B. EQ / TPS AMP
[DECK 1]
PLAYBACK HEAD (L ch)
[DECK 2]
R/P HEAD (L ch)
TP3(TP4)
Q1103 (Q1104)
HEAD SELECT (PLAY:ON)
Q1101(Q1102)
HEAD SELECT (PLAY:ON)
TPS
Q1115 (Q1116)
MUTING
CR NETWORK
TP5
Q1218
SWITCHING (REC:ON)
+B6
Q1151 (Q1152)
SWITCHING (PLAY:ON)
M51167AFP-TB
IC1101(1/2)
REC AMP / ALC
BA7755A
IC1102
R/P SELECT
SW
ALC
AGC OFF
REC L
Q1107 (Q1108)
REC EQ (CrO2/H.SPEED)
[DECK1]
S953
(ATS/CrO2)
[DECK 2]
ERASE HEAD
L1201
BIAS OSC CONTROL
Q1173~1176
[DECK2]
S973
(ATS/CrO2)
TP11
TP12
SWITCHING (REC:ON)
Q1171
Q1179
SWITCHING (B.P.)
S972 (HALF)
S971 (MODE)
S974 (R.REC INH.)
S975 (F.REC INH.)
Z971
INTERFACE
DECK2
[DECK1]
0N2180RLC
IC951
[DECK2]
0N2180RLC
IC971
VREF+
INTERFACE
S952 (HALF)
S951 (MODE)
Q1118,1119
Q1120,1121
Z1101
BU2090AF-E2
IC1105
SYSTEM CONTROL
BP1
Vcc
GND
TAPE
IH
REC
DMT
DATA
SER1
SER4
1M
2PL
1PL
CLK
Q1203,1220
MOTOR DRIVE
+B5
MOTOR
Q1206,1208
SOLENOID DRIVE [DECK2]
D971
SOLENOID
Q1207,1209
SOLENOID DRIVE [DECK1]
D951
SOLENOID
DECK1

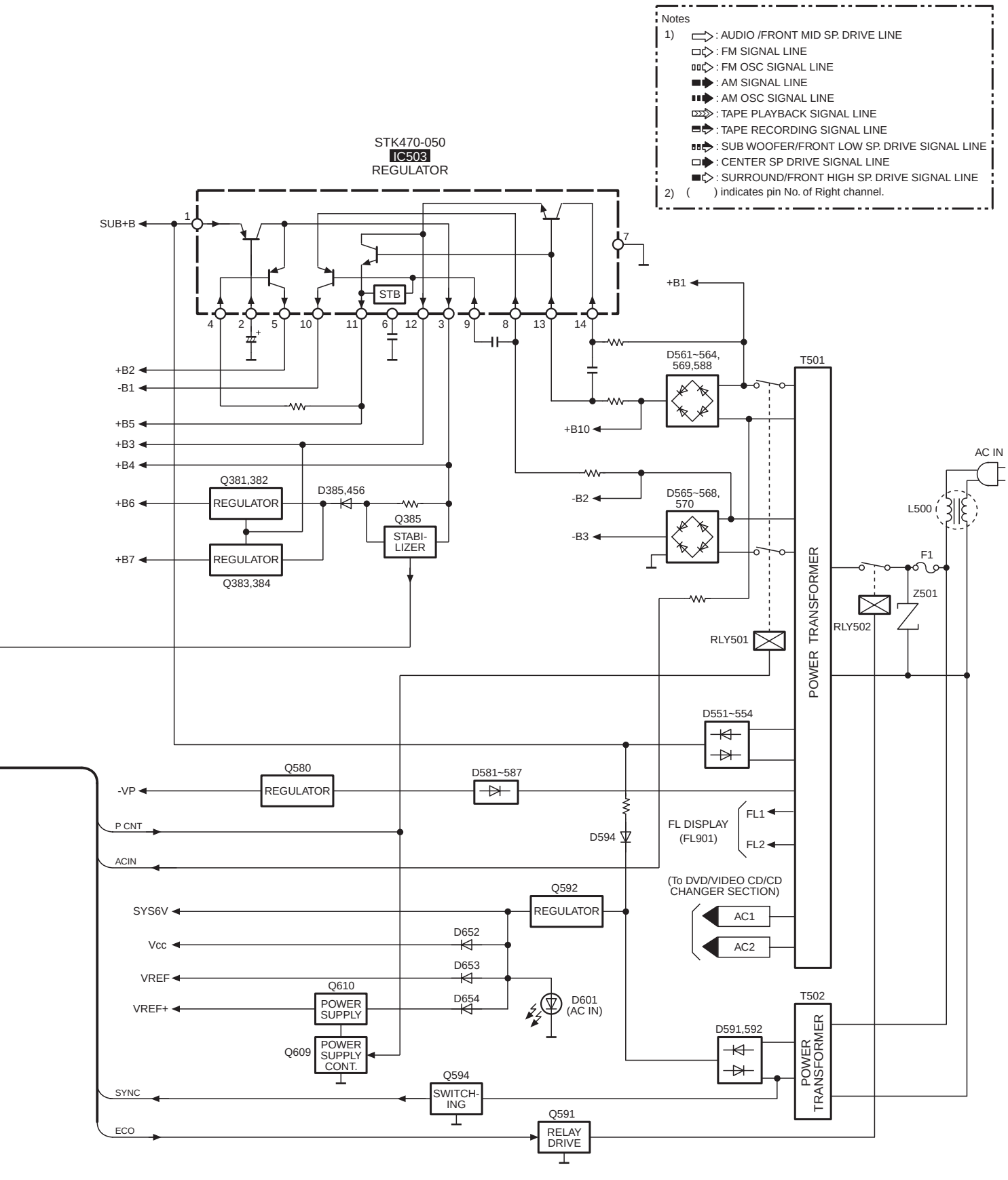

(To DVD/VIDEO CD/CD CHANGER SECTION)
AMUTE
D708
Q714,715
POWER SUPPLY CONT.
M5218AFPE3
IC704
FL
BUFFER AMP
Q706
ZFLAG
SWITCH-ING
D707
Q718
SWITCH-ING
M5228FPE1
IC705
CNT
BTL DRIVE
Q717
SW
Q716
SL
MUT
D706
SUB W
SL
BUFFER AMP
+B5
-B1
M5218AFPE3
IC706
AUX1
BU4066BCF-E2
IC204
INPUT SELECTOR
REC OUT
VDD
VSS
REC MUT
M5218AFPE3
IC202
BUFFER AMP
(To DVD/VIDEO CD/CD CHANGER SECTION)
M REQ
M CS
M CK
M SI
M SO
M RST
R ch
VREF+
ENB
VCC
GND 1/2
ANF
AOUT
M62457FPE1
IC602
SPE. ANALYZER AMP
PMOUT
MECHRS
MECHSO
MECHSI
MECHCK
MECHCS
MECHRQ
SPE CONT A
SPE CONT B
SPE CONT C
SPE IN
M38199MF219F
IC601
SYSTEM CONTROL / FL DRIVE
SER2
SER5
SD IN
DO/ST
DECK1
DECK2
TPS IN
RMT
PLLDT
PLLCE
SD
DO
DECK1
DECK2
TPS
VREF
Z601
REMOTE SENSOR


NJU7313AMT2
IC201
INPUT SELECTOR
VEE
VDD
VSS
-B1
+B5
S1
S2
S3
S4
S5
S6
S7
S8
LEVEL SHIFT
LATCH CIRCUIT
SHIFT REGISTER
DATA
ST
CK
REC MUT
ADA
ACK
AST
C/MIC
SUB W
X
MIN
LIN
(RIN)
X801
(33.8MHz)
X1
X0
TC9496F-012A
IC801
DIGITAL SOUND
CONTROLLER
AOSLT
(AOSRT)
AOCT
AOLT
(AORT)
GNDAL/R,
GNDAC,
GNDASL/R,
GNDR,
GND,
GNDX
VDAR,
VDASC,
VDASR,
VDDR,
VDD,
VDN,
VDL/R
+B7
/RESET
CK00
FS
ELR0,1
EBC0,1
DIN
DOUT
/CS
IFCK
IFDI
IFD0
IFOK
/ERR
RST1
ELR
EBC
DIN
DOUT
DCS1
DCK1
DDO1
DDI1
DOK1
ERR1
SER1
DDATA
D622,623,
625~633,
637
+B11
DPL,SSS,S.ST,D.EQ,CINEMA,C.FCS2,
C.FCS1,V.SURR1,VMR1,3D V.S,
S.POS1,S.WOOF
BU2090AF-E2
IC604
LED DRIVE
CLK
DATA
GND
VCC
VREF
A
D602~606,
615~619
Q608
POWER
SUPPLY
+B2
+B11
6 CH LED,AUX,TAPE,TUNER,
CD,CD1~5,T LED
LED
CTL
BU2090AF-E2
IC603
LED DRIVE
M38199MF219F
IC601
SYSTEM CONTROL / FL DRIVE
GRD
1~12
AND1
~33
REGION
IN
KEY1~5
CRT
XC IN
XC OUT
FL601
FL DISPLAY
FL1
FL2
D666,668
KEY SWITCH
D651
X601
(32.7kHz)

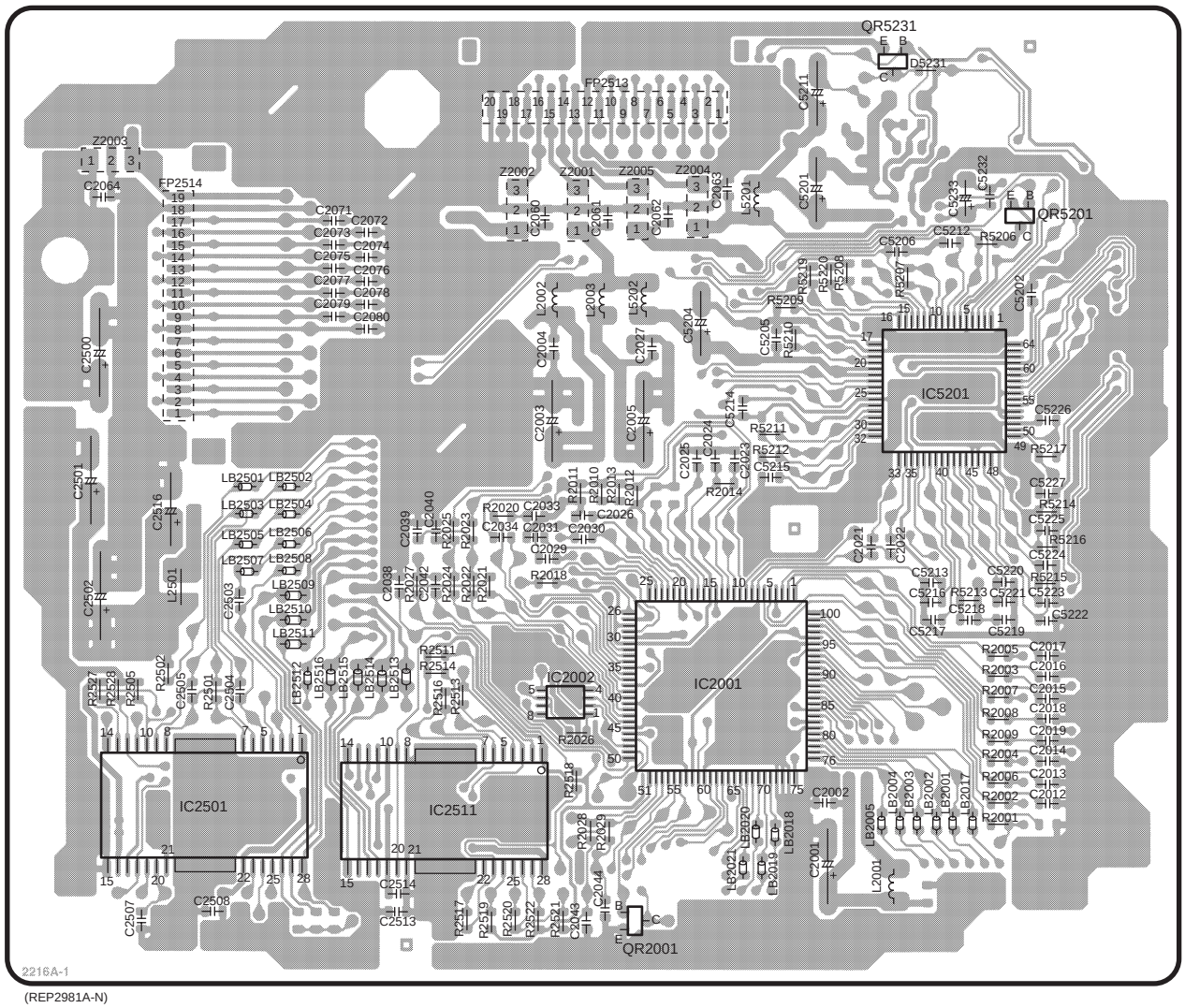

TC9496F-016A
IC802
DIGITAL SOUND CONTROLLER
93 (98) LIN (RIN)
88 MIN
6 (11) AOLT (AORT)
AOSLT (AOSRT) 23 (28)
AOCT 16
GNDAL/R, GNDAC, GNDASL/R, GNDR, GND, GNDX 4,13, 14,25, 26,39, 51,70, 91,100
VDAR, VDASC, VDASR, VDDR, VDD, VDN, VDL/R 9,21, 30,38, 54,62, 86,95, 96 +B7
X1 1
X0 2
/RESET 61
ELR0,1 64, 65
EBC0,1 66, 67
DIN 68
DOUT 69
/CS 71
IFCK 72
IFD1 73
IFD0 74
IFOK 75
/ERR 76
SL
C/MIC
REC L
X
RST2
ELR
EBC
DOUT
DOIN
DCS2
DCK2
DDO2
DDI2
DOK2
ERR2
SER4
CS
RESET
DACK
DDATA
SENSE
PHONE
PCONT
ECO
SYNC
DCDET
VR601 (VOLUME/PLUSE ENCODE)
VR602 (JOG PLUSE ENCODER)
9 JOG1B
10 JOG1A
12 JOG2B
13 JOG2A
30 SER4
27 SER6
14 DSP RST
15 DSP ACK
31 SER3
16 SENSE
25 PHONE
18 PCONT
17 ECO
34 SYNC
96 DCDET
M38199MF219F
IC601
SYSTEM CONTROL / FL DRIVE
41 MBP1
38 X IN
39 X OUT
42 MBP2
35 RESET
40 Vss
99 AVss
91 Vcc
100 VREF
98 -VP
SWITCHING (MBP) Q602
X602 (8MHz)
SWITCHING (MBP) Q603
Q601
RESET
Vcc
Vcc
VREF
-VP


M5218AP
IC203
BUFFER AMP
+B5
-B1
Q204
ATT
Q201
MUTING
M5228FPE1
IC301
BUFFER AMP
BU4066BCF-E2
IC303
SWITCHING
M5218AFPE3
IC302
Q804
ATT
SUB WOOFER
Q307
MUTING
R ch
Q305
SWITCH-ING
Q803
ATT
VDD
VSS
Q203
MUTING CONT.
Q202
MUTING CONT.
Q801
Q306
ATT DRIVE
Q802
Q301,302
MUTING
MUT F
MUT SB
X401
(8MHz)
ADA
ACK
AST
SENSE
DACK
RESET
CS
SER4
DDATA
SPCONT
EXP21
DCS
DCK
DDO
DDI
SBMIX
CNTA1
RL1
XIN
XO
M38037M8116F
IC401
SYSTEM CONTROL
ERR1
DCK1
DRST1
DCS1
DOK1
DDO1
DDI1
ERR2
DOK2
DRST2
DCS2
DCK2
DDO2
DDI2
SW1
SW2
SW3
Vss
AVss
VREF
Vcc
+B6


RSN311W64A-P
IC501
POWER AMP
(HIGH,MID,LOW)
POWER CONTROL CIRCUIT
POWER CONTROL/ PROTECTION CIRCUIT
OVER LOAD DET.
Q501,502
Q505,506
POWER SUPPLY
POWER SUPPLY CONT.
SUB+B
MOTOR DRIVE
Q351~354
+B4
FAN MOTOR
D503
D601
D602
+B10
+B1
-B2
-B3
GND
R ch
HEADPHONES
D202
SWITCH-ING
Q503
RLY505
RLY503
RLY504
HIGH
MID
LOW
SPEAKERS (6 Ω)
SURROUND SPEAKERS (8 Ω)
Q504
RELAY DRIVE
Q373~375
D371,373
+B3~5, -B1
POWER CONT. /SWITCHING
PHONE
PCONT
DC DET
P CNT
SPCONT
AC IN
DC IN
(To DVD/VIDEO CD/CD CHANGER SECTION)
N F
DETECTION
MUTING
BIAS
POWER ON/OFF
RSN35H1
IC502
POWER AMP
(CENTER)
CENTER SPEAKER (8 Ω)
R ch


Notes
1) : AUDIO /FRONT MID SP. DRIVE LINE
: FM SIGNAL LINE
: FM OSC SIGNAL LINE
: AM SIGNAL LINE
: AM OSC SIGNAL LINE
: TAPE PLAYBACK SIGNAL LINE
: TAPE RECORDING SIGNAL LINE
: SUB WOOFER/FRONT LOW SP. DRIVE SIGNAL LINE
: CENTER SP DRIVE SIGNAL LINE
: SURROUND/FRONT HIGH SP. DRIVE SIGNAL LINE
2) ( ) indicates pin No. of Right channel.
STK470-050
IC503
REGULATOR
SUB+B
STB
+B1
+B2
-B1
+B5
+B3
+B4
+B6
+B7
Q381,382
REGULATOR
REGULATOR
Q383,384
D385,456
Q385
STABI-
LIZER
D561~564,
569,588
+B10
-B2
-B3
D565~568,
570
T501
POWER TRANSFORMER
AC IN
L500
F1
Z501
RLY502
RLY501
D551~554
Q580
REGULATOR
-VP
D581~587
P CNT
ACIN
D594
FL DISPLAY
(FL901)
FL1
FL2
(To DVD/VIDEO CD/CD
CHANGER SECTION)
AC1
AC2
Q592
REGULATOR
SYS6V
Vcc
VREF
VREF+
D652
D653
D654
Q610
POWER
SUPPLY
Q609
POWER
SUPPLY
CONT.
D601
(AC IN)
T502
POWER
TRANSFORMER
D591,592
Q594
SWITCH-
ING
SYNC
Q591
RELAY
DRIVE
ECO

A DVD MODULE(2) P.C.B. (SIDE : A)


QR5231
D5231
FP2513
Z2003
C2064
FP2514
C2071
C2072
C2073
C2074
C2075
C2076
C2077
C2078
C2079
C2080
Z2002
Z2001
Z2005
Z2004
C2060
C2061
C2062
C2063
L5201
C5201
C5211
C5232
C5233
QR5201
C5212
R5206
C5206
R5207
R5208
R5209
R5219
R5220
C5202
L2002
L2003
L5202
C5204
C2004
C2027
C5205
R5210
IC5201
C2500
C2003
C2005
C5214
C5226
R5211
R5212
C5215
R5217
C2024
C2025
C2023
R2014
C5227
R5214
C5225
R5216
C5224
R5215
C5223
C5222
C5213
C5216
R5213
C5221
C5218
C5217
C5219
C2501
C2516
LB2501
LB2502
LB2503
LB2504
LB2505
LB2506
LB2507
LB2508
LB2509
LB2510
LB2511
C2502
L2501
C2503
C2039
C2040
C2038
R2027
C2042
R2024
R2025
R2023
R2022
R2021
R2020
C2033
C2034
C2031
C2030
C2029
C2026
R2011
R2010
R2013
R2012
R2018
C2021
C2022
R2511
R2514
R2516
R2513
IC2002
R2026
IC2001
R2518
R2028
R2029
C2002
C2001
C2027
C2028
C2029
C2030
C2031
C2032
C2033
C2034
C2035
C2036
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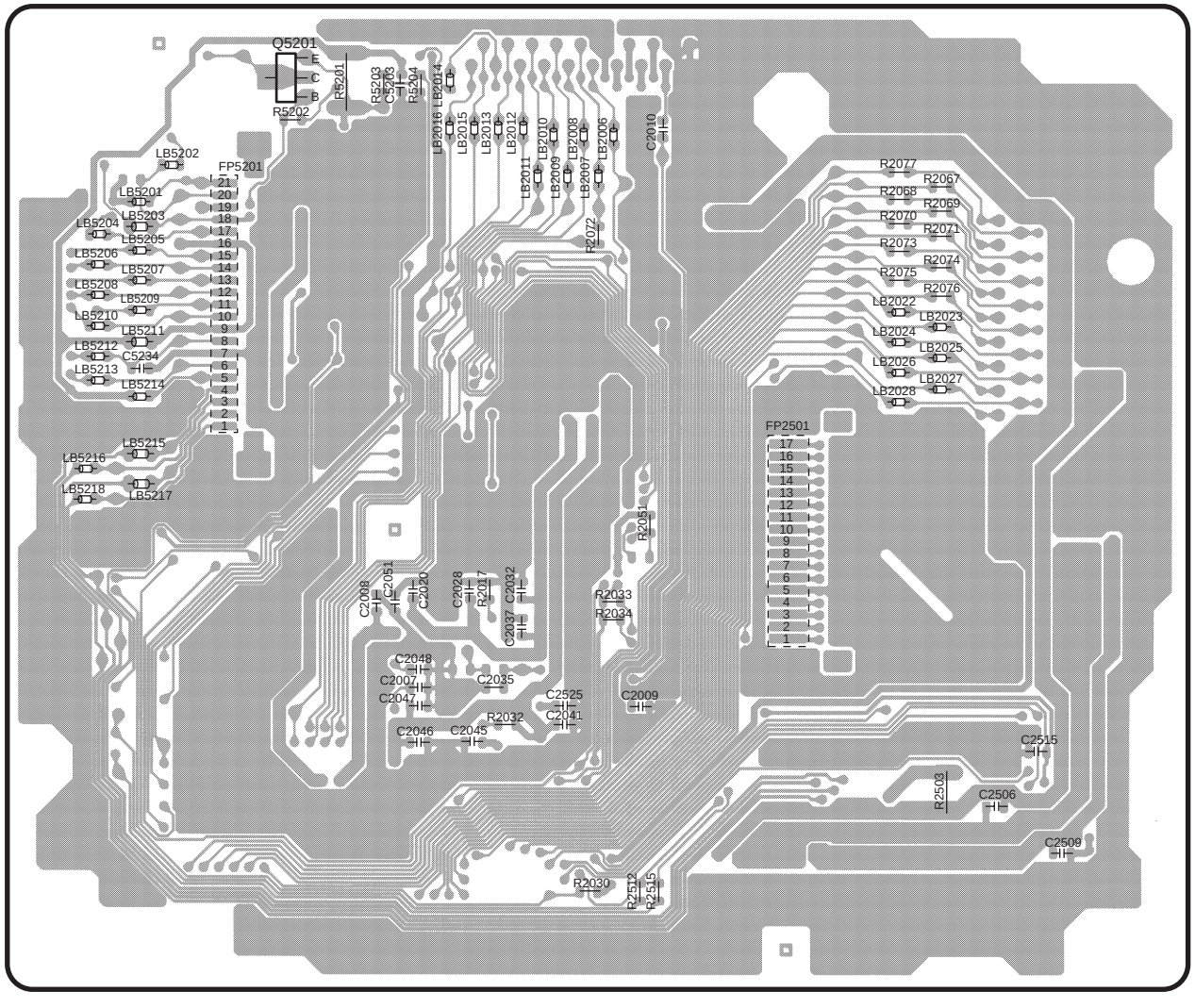
C2063
C2064
C2065
C2066

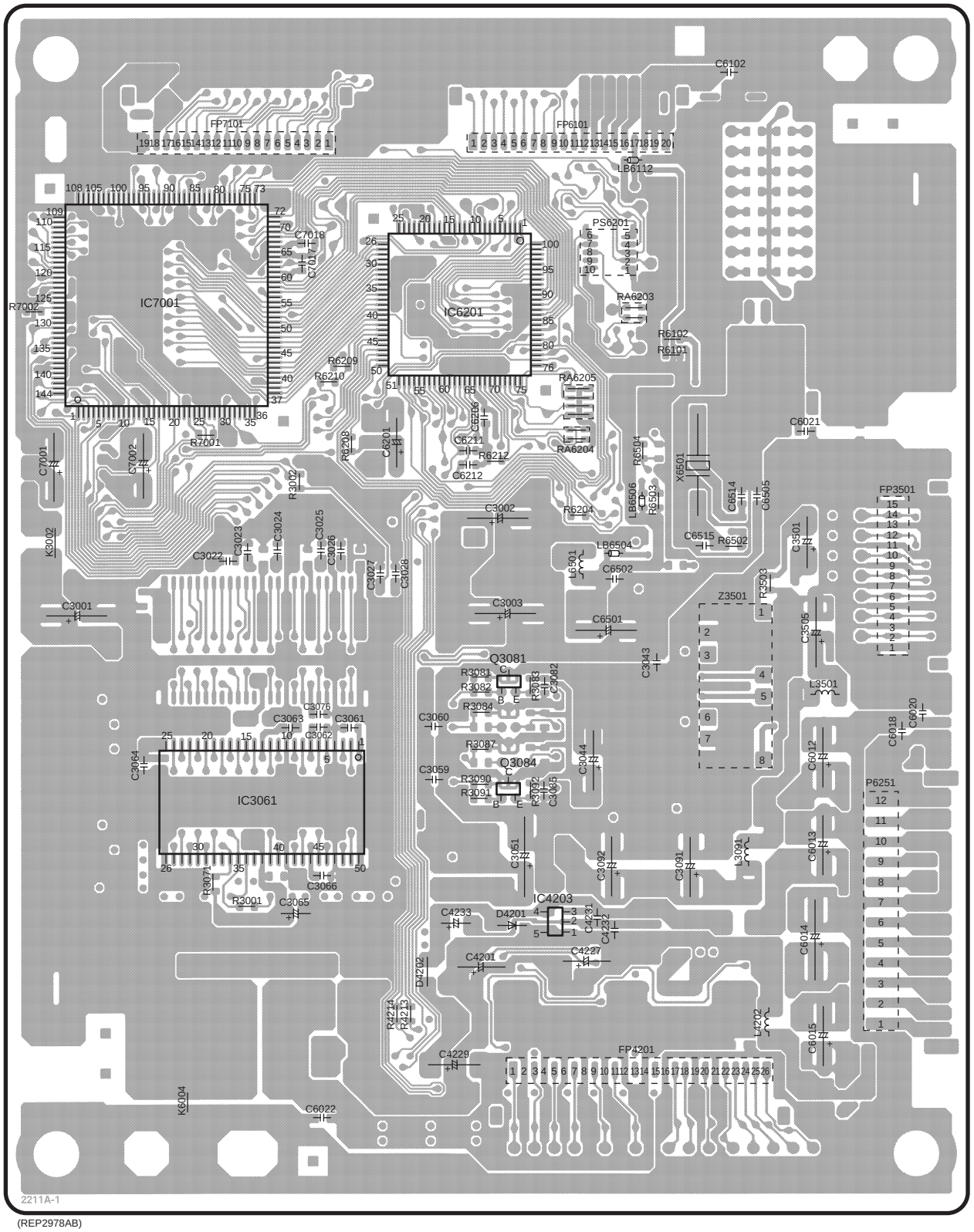
A DVD MODULE(2) P.C.B. (SIDE : B)



■ ELECTRICAL PARTS LOCATION

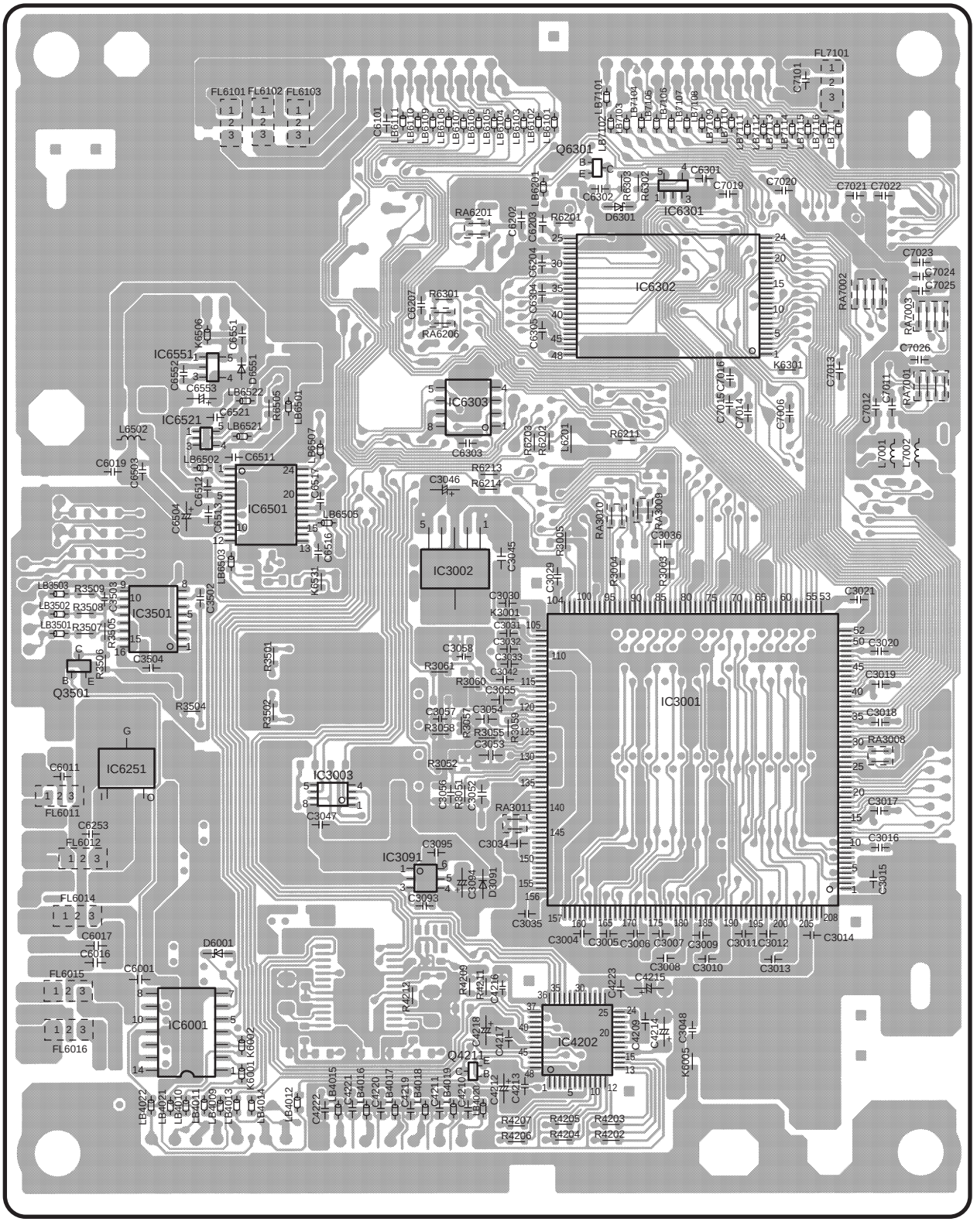
Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
A DVD MODULE(2) P.C.B. (SIDE: B)															
Q5201	1H	LB2014	1I	LB5202	2G	LB5213	3G	R2051	4J	R2077	2K	C2010	2J	C2051	4H
FP2501	4J	LB2015	2I	LB5203	2G	LB5214	3G	R2067	2K	R2503	5K	C2020	4I	C2506	5K
FP5201	2H	LB2016	2I	LB5204	2G	LB5215	3G	R2068	2K	R2512	5J	C2028	4I	C2509	5L
LB2006	2I	LB2022	3K	LB5205	2G	LB5216	3G	R2069	2K	R2515	5J	C2032	4I	C2515	5K
LB2007	2I	LB2023	3K	LB5206	2G	LB5217	3G	R2070	2K	R5201	1H	C2035	4I	C2525	4I
LB2008	2I	LB2024	3K	LB5207	2G	LB5218	3G	R2071	2K	R5202	2H	C2037	4I	C5203	1H
LB2009	2I	LB2025	3K	LB5208	2G	R2017	4I	R2072	2I	R5203	1H	C2041	4I	C5234	3G
LB2010	2I	LB2026	3K	LB5209	3G	R2030	5I	R2073	2K	R5204	1I	C2045	5I		
LB2011	2I	LB2027	3K	LB5210	3G	R2032	4I	R2074	2K	C2007	4I	C2046	5I		
LB2012	2I	LB2028	3K	LB5211	3G	R2033	4I	R2075	2K	C2008	4H	C2047	4I		
LB2013	2I	LB5201	2G	LB5212	3G	R2034	4I	R2076	2K	C2009	4J	C2048	4I		

B DVD MODULE(1) P.C.B. (SIDE : A)



(REP2978AB)

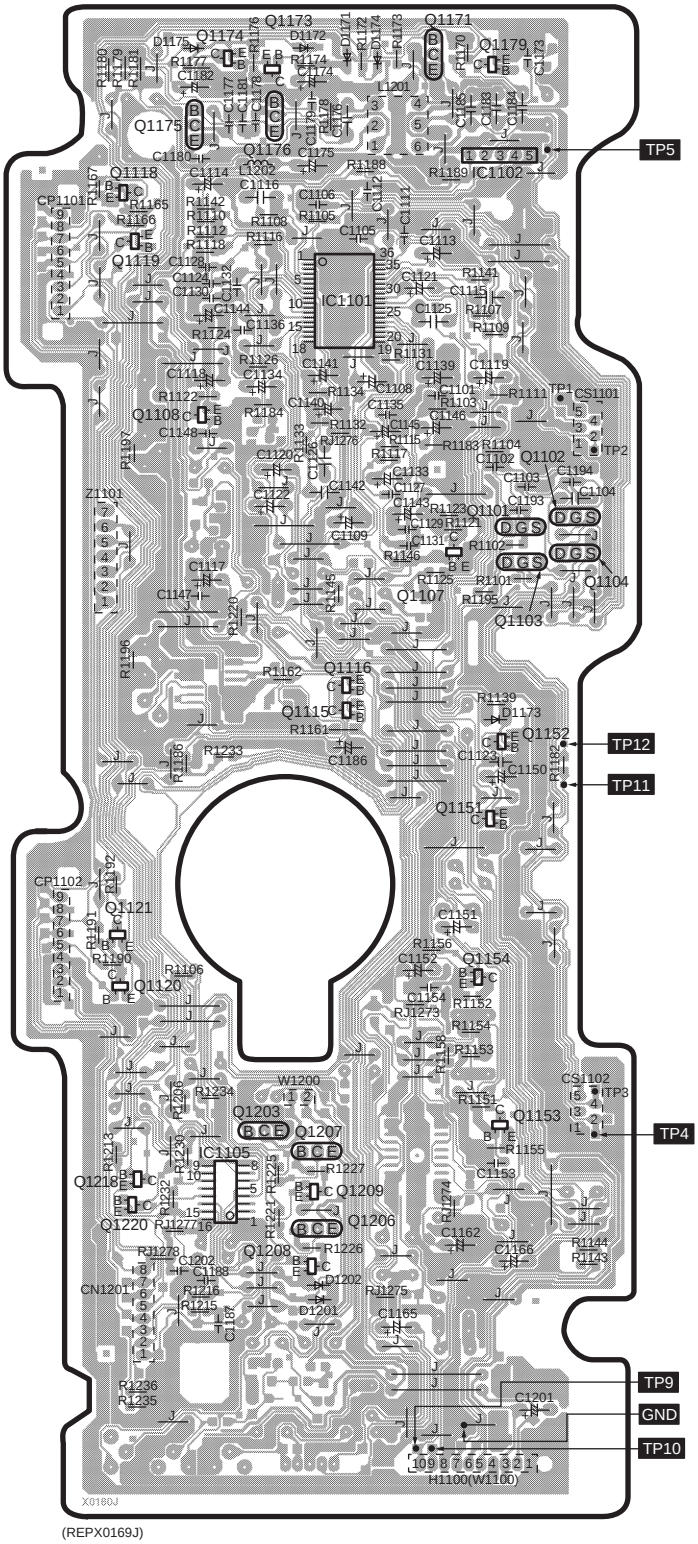
B DVD MODULE(1) P.C.B. (SIDE : B)



■ ELECTRICAL PARTS LOCATION

Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
B DVD MODULE(1) P.C.B. (SIDE: A)											
IC3061	6B	K6004	8B	R4214	7C	C3022	4B	C3082	5D	C6022	8C
IC4203	7D	LB6112	2D	R6101	3E	C3023	4B	C3085	6D	C6102	2E
IC6201	3C	LB6504	4D	R6102	3E	C3024	4B	C3091	6E	C6201	4C
IC7001	3B	LB6506	4D	R6204	4D	C3025	4C	C3092	6D	C6206	4D
Q3081	5D	P6251	6F	R6208	4C	C3026	4C	C3501	4E	C6211	4C
Q3084	6D	PS6201	3D	R6209	3C	C3027	4C	C3505	5E	C6212	4C
D4201	7D	R3001	6B	R6210	3C	C3028	4C	C4201	7D	C6501	5D
D4202	7C	R3002	4B	R6212	4D	C3043	5E	C4227	7D	C6502	5D
L3091	6E	R3071	6B	R6502	4E	C3044	6D	C4229	7C	C6505	4E
L3501	5F	R3081	5D	R6503	4E	C3051	6D	C4231	6D	C6514	4E
L4202	7E	R3082	5D	R6504	4D	C3059	6C	C4232	7D	C6515	4E
L6501	4D	R3083	5D	R7001	4B	C3060	5C	C4233	7C	C7001	4A
Z3501	5E	R3084	5D	R7002	3A	C3061	5C	C6012	6E	C7002	4B
X6501	4E	R3087	6D	RA6203	3D	C3062	5C	C6013	6E	C7017	3B
FP3501	4F	R3090	6C	RA6204	4D	C3063	5B	C6014	7E	C7018	3B
FP4201	7D	R3091	6C	RA6205	3D	C3064	6B	C6015	7E		
FP6101	2D	R3092	6D	C3001	5A	C3065	6B	C6018	5F		
FP7101	2B	R3503	5E	C3002	4D	C3066	6C	C6020	5F		
K3002	4A	R4213	7C	C3003	5D	C3076	5C	C6021	4E		
B DVD MODULE(1) P.C.B. (SIDE: B)											
IC3001	6K	LB3501	5G	LB7106	2J	R6201	2J	C3033	5J	C6019	4G
IC3002	4I	LB3502	5G	LB7107	2K	R6202	4J	C3034	6J	C6101	2I
IC3003	6H	LB3503	5G	LB7108	2K	R6203	4J	C3035	6J	C6202	2J
IC3091	6I	LB4009	8H	LB7109	2K	R6211	4J	C3036	4J	C6203	2J
IC3501	5G	LB4010	8H	LB7110	2K	R6213	4I	C3042	5J	C6204	3J
IC4202	7J	LB4011	8H	LB7111	2K	R6214	4I	C3045	4I	C6207	3I
IC6001	7H	LB4012	8H	LB7112	2K	R6301	3I	C3046	4I	C6253	6G
IC6251	6G	LB4013	8H	LB7113	2K	R6302	2J	C3047	6H	C6301	2K
IC6301	2J	LB4014	8H	LB7114	2K	R6303	2J	C3048	7K	C6302	2J
IC6302	3J	LB4015	8I	LB7115	2K	R6505	3H	C3052	6I	C6303	4I
IC6303	3I	LB4016	8I	LB7116	2K	RA3008	6L	C3053	6I	C6304	3J
IC6501	4H	LB4017	8I	LB7117	2K	RA3009	4J	C3054	5I	C6305	3J
IC6521	4H	LB4018	8I	TP6010	7G	RA3010	4J	C3055	5I	C6503	4G
IC6551	3H	LB4019	8I	R3003	4J	RA3011	6J	C3056	6I	C6504	4H
Q3501	5G	LB4020	8I	R3004	4J	RA6201	2I	C3057	5I	C6511	4H
Q4211	7I	LB4021	8H	R3005	4J	RA6206	3I	C3058	5I	C6512	4H
Q6301	2J	LB4022	8G	R3051	6I	RA7001	3L	C3093	6I	C6513	4H
D3091	6I	LB6101	2J	R3052	6I	RA7002	3L	C3094	6I	C6516	4H
D6001	7H	LB6102	2J	R3055	5I	RA7003	3L	C3095	6I	C6517	4H
D6301	2J	LB6103	2J	R3057	5I	C3004	7J	C3502	5H	C6521	4H
D6551	3H	LB6104	2I	R3058	5I	C3005	7J	C3503	5G	C6551	3H
L6201	4J	LB6105	2I	R3059	5J	C3006	7J	C3504	5G	C6552	3H
L6502	4G	LB6106	2I	R3060	5I	C3007	7J	C4209	7J	C6553	3H
L7001	4L	LB6107	2I	R3061	5I	C3008	7J	C4210	8I	C7006	4K
L7002	4L	LB6108	2I	R3501	5H	C3009	7K	C4211	8I	C7011	3L
FL6011	6G	LB6109	2I	R3502	5H	C3010	7K	C4212	7I	C7012	3L
FL6012	6G	LB6110	2I	R3504	5H	C3011	7K	C4213	7J	C7013	3K
FL6014	6G	LB6111	2I	R3505	5G	C3012	7K	C4214	7J	C7014	4K
FL6015	7G	LB6201	2J	R3506	5G	C3013	7K	C4215	7J	C7015	3K
FL6016	7G	LB6501	3H	R3507	5G	C3014	7K	C4216	7I	C7016	3K
FL6101	2H	LB6502	4H	R3508	5G	C3015	6L	C4217	7J	C7019	2K
FL6102	2H	LB6503	4H	R3509	5G	C3016	6L	C4218	7I	C7020	2K
FL6103	2H	LB6505	4H	R4202	8J	C3017	6L	C4219	8I	C7021	2L
FL7101	2K	LB6507	4H	R4203	8J	C3018	5L	C4220	8I	C7022	2L
K3001	5I	LB6521	4H	R4204	8J	C3019	5L	C4221	8I	C7023	3L
K6001	7H	LB6522	3H	R4205	8J	C3020	5L	C4222	8H	C7024	3L
K6002	7H	LB7101	2J	R4206	8J	C3021	5L	C4223	7J	C7025	3L
K6005	7K	LB7102	2J	R4207	8J	C3029	4J	C6001	7G	C7026	3L
K6301	3K	LB7103	2J	R4209	7I	C3030	5I	C6011	6G	C7101	2K
K6506	3H	LB7104	2J	R4211	7I	C3031	5J	C6016	7G		
K6531	5H	LB7105	2J	R4212	7I	C3032	5J	C6017	7G		

D MECHANISM CONTROL P.C.B.

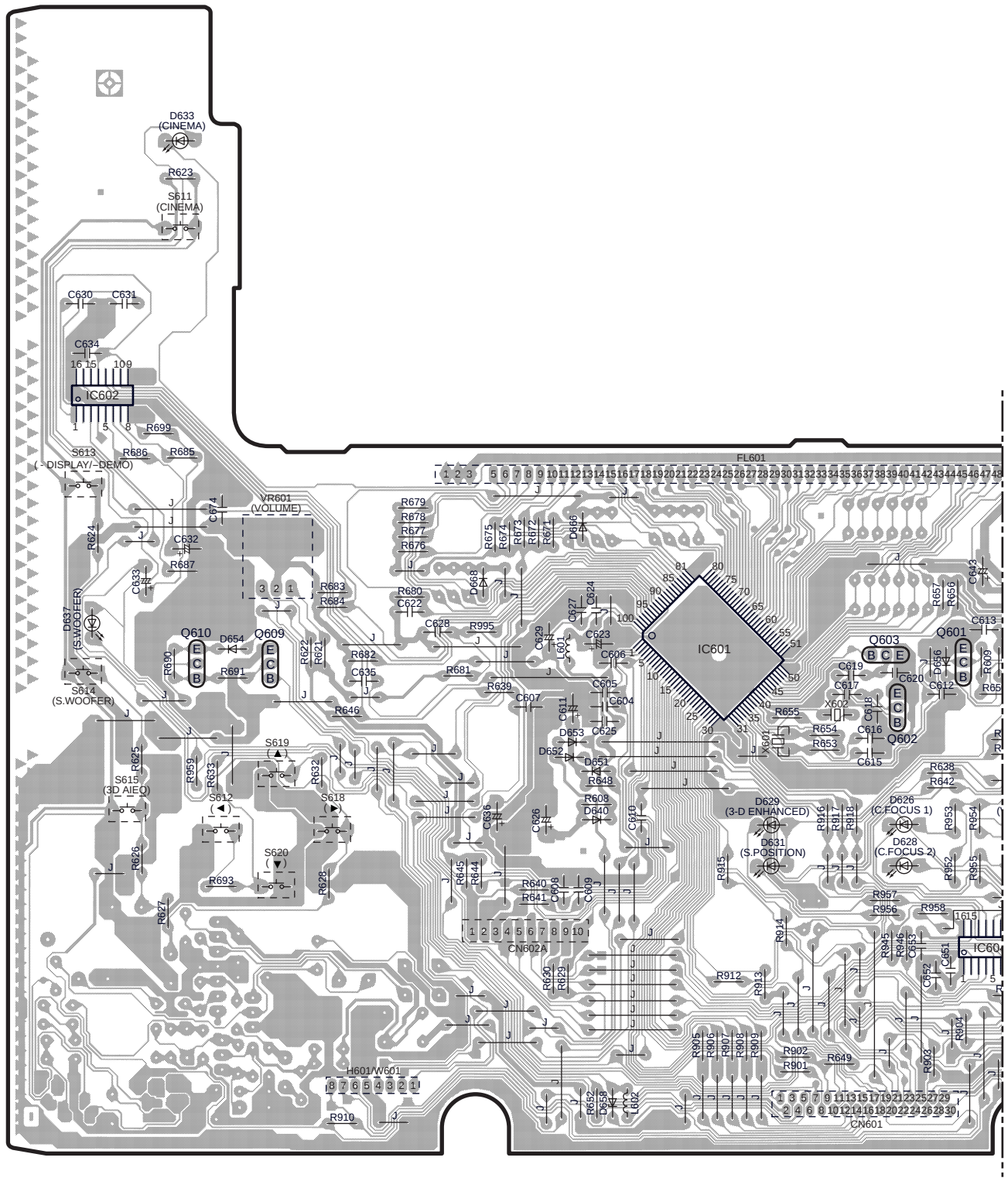


(REPX0169J)

■ELECTRICAL PARTS LOCATION

Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
D MECHANISM CONTROL P.C.B.					
IC1101	3B	R1126	3B	C1104	4D
IC1102	2C	R1131	3C	C1105	2C
IC1105	7B	R1132	3B	C1106	2B
Q1101	4C	R1133	3B	C1108	3C
Q1102	4D	R1134	3B	C1109	4C
Q1103	4C	R1139	4C	C1111	2C
Q1104	4D	R1141	3C	C1112	2C
Q1107	4C	R1142	2B	C1113	2C
Q1108	3B	R1143	7D	C1114	2B
Q1115	5C	R1144	7D	C1115	3C
Q1116	4C	R1145	4B	C1116	2B
Q1118	2B	R1146	4C	C1117	4B
Q1119	2B	R1151	6C	C1118	3B
Q1120	6A	R1152	6C	C1119	3C
Q1121	6A	R1153	6C	C1120	3B
Q1151	5C	R1154	6C	C1121	3C
Q1152	5C	R1155	6C	C1122	4B
Q1153	6C	R1156	6C	C1123	5C
Q1154	6C	R1158	6C	C1124	3B
Q1171	2C	R1161	5B	C1125	3C
Q1173	2B	R1162	4B	C1126	3B
Q1174	2B	R1165	2B	C1127	4C
Q1175	2B	R1166	2B	C1128	3B
Q1176	2B	R1167	2A	C1129	4C
Q1179	2C	R1170	2C	C1130	3B
Q1203	6B	R1172	2C	C1131	4C
Q1206	7B	R1173	2C	C1132	3B
Q1207	6B	R1174	2B	C1133	3C
Q1208	7B	R1176	2B	C1134	3B
Q1209	7B	R1177	2B	C1135	3C
Q1218	7B	R1178	2B	C1136	3B
Q1220	7B	R1179	2B	C1139	3C
D1171	2C	R1180	2A	C1140	3B
D1172	2B	R1181	2B	C1141	3B
D1173	5C	R1182	5C	C1142	4B
D1174	2C	R1183	3C	C1143	4C
D1175	2B	R1184	3B	C1144	3B
D1201	7B	R1186	5B	C1145	3C
D1202	7B	R1188	2C	C1146	3C
L1201	2C	R1189	2C	C1147	4B
L1202	2B	R1190	6A	C1148	3B
Z1101	4A	R1191	6A	C1150	5C
CN1201	7B	R1192	5A	C1151	5C
CP1101	2A	R1195	4C	C1152	6C
CP1102	5A	R1196	4B	C1153	7C
CS1101	3D	R1197	3B	C1154	6C
CS1102	6D	R1206	6B	C1162	7C
H1100(W1100)	8C	R1213	7A	C1165	7C
W1200	6B	R1215	7B	C1166	7C
R1101	4C	R1216	7B	C1173	2C
R1102	4C	R1220	4B	C1174	2B
R1103	3C	R1221	7B	C1175	2B
R1104	3C	R1225	7B	C1176	2C
R1105	2B	R1226	7B	C1177	2B
R1106	6B	R1227	7B	C1178	2B
R1107	3C	R1230	7B	C1179	2B
R1108	2B	R1232	7B	C1180	2B
R1109	3C	R1233	5B	C1181	2B
R1110	2B	R1234	6B	C1182	2B
R1111	3C	R1235	8B	C1183	2C
R1112	2B	R1236	8B	C1184	2C
R1115	3C	RJ1273	6C	C1185	2C
R1116	2B	RJ1274	7C	C1186	5C
R1117	3C	RJ1275	7C	C1187	7B
R1118	2B	RJ1276	3B	C1188	7B
R1121	4C	RJ1277	7B	C1193	4C
R1122	3B	RJ1278	7B	C1194	3D
R1123	4C	C1101	3C	C1201	8C
R1124	3B	C1102	3C	C1202	7B
R1125	4C	C1103	3C		

J FL P.C.B.


A
B
C
D
E
F
1
2
3
4
5
6
7
8
D633 (CINEMA)
R623
S611 (CINEMA)
C630
C631
C634
IC602
R699
S613 (DISPLAY/DEMO)
R686
R685
VR601 (VOLUME)
R624
C632
R687
C633
D637 (S.WOOFER)
S614 (S.WOOFER)
Q610
D654
Q609
R690
R691
R683
R684
R682
R622
R621
C635
R646
S619
S615 (3D AIEQ)
S612
S618
S620
R625
R959
R633
R632
R626
R693
R627
R628
R679
R678
R677
R676
R675
R674
R673
R672
R671
D666
D668
R680
C622
C628
R995
C629
L601
C627
C624
C623
C606
R681
R639
C607
C611
C605
C604
D653
C625
D652
D651
R647
R648
R608
D640
C636
C626
C610
R645
R644
R640
R641
C608
C609
CN602A
R630
R629
R910
H601/W601
IC601
FL601
Q603
Q601
Q602
C619
C620
C617
C612
C618
X602
C616
C615
R655
R654
R653
R656
R657
C613
R609
R638
R642
D629 (3-D ENHANCED)
D631 (S.POSITION)
D626 (C.FOCUS 1)
D628 (C.FOCUS 2)
R916
R917
R918
R953
R954
R952
R951
R915
R914
R957
R956
R958
IC604
R945
R946
C653
C652
C651
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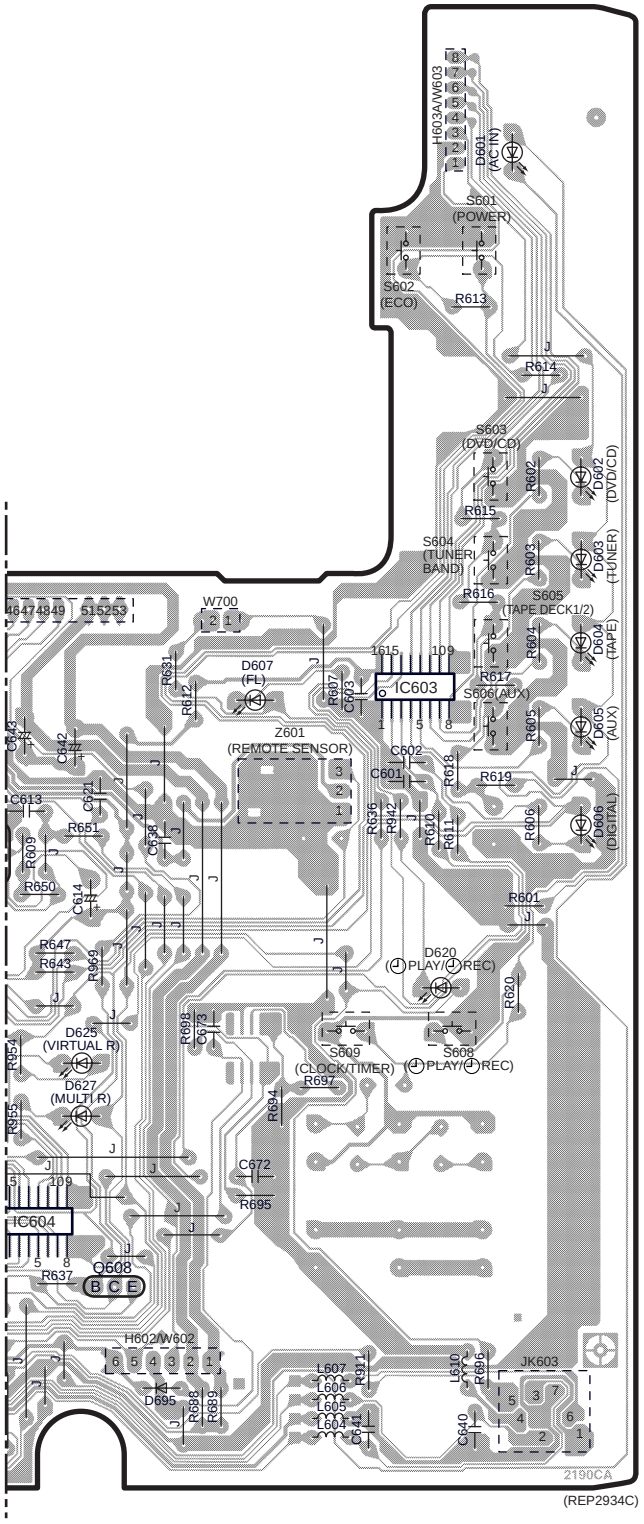
R906
R907
R908
R909
R902
R901
R649
R903
R904
CN601



■ ELECTRICAL PARTS LOCATION

Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
J FL P.C.B.							
IC601	5E	S613	4A	R648	6D	R946	7F
IC602	4A	S614	5A	R649	7F	R952	6F
IC603	4H	S615	6A	R650	5G	R953	6F
IC604	7G	S618	6C	R651	5G	R954	6F
Q601	5F	S619	6B	R652	8D	R955	6F
Q602	5F	S620	6B	R653	6E	R956	7F
Q603	5F	CN601	8F	R654	5E	R957	6F
Q608	7G	CN602A	7D	R655	5E	R958	7F
Q609	5B	JK603	8I	R656	5F	R959	6B
Q610	5B	H601/W601	8C	R657	5F	R969	6G
D601	2I	H602/W602	7G	R671	4D	R995	5C
D602	3I	H603A/W603	2I	R672	4D	C601	5H
D603	4I	W700	4G	R673	4D	C602	5H
D604	4I	R601	5I	R674	4D	C603	4H
D605	4I	R602	3I	R675	4D	C604	5D
D606	5I	R603	4I	R676	4C	C605	5D
D607	4H	R604	4I	R677	4C	C606	5D
D620	6H	R605	4I	R678	4C	C607	5D
D625	6G	R606	5I	R679	4C	C608	6D
D626	6F	R607	4H	R680	5C	C609	6D
D627	6G	R608	6D	R681	5C	C610	6D
D628	6F	R609	5F	R682	5C	C611	5D
D629	6E	R610	5H	R683	5C	C612	5F
D631	6E	R611	5I	R684	5C	C613	5F
D633	2B	R612	4G	R685	4B	C614	5G
D637	5A	R613	3I	R686	4A	C615	6F
D640	6D	R614	3I	R687	5B	C616	5F
D651	6D	R615	4I	R688	8G	C617	5F
D652	6D	R616	4I	R689	8G	C618	5F
D653	6D	R617	4I	R690	5B	C619	5F
D654	5B	R618	5I	R691	5B	C620	5F
D656	5F	R619	5I	R693	6B	C621	5G
D658	8D	R620	6I	R694	6H	C622	5C
D666	4D	R621	5C	R695	7H	C623	5D
D668	5C	R622	5B	R696	7I	C624	5D
D695	7G	R623	2B	R697	6H	C625	5D
VR601	4B	R624	4A	R698	6G	C626	6D
L601	5D	R625	6A	R699	4B	C627	5D
L602	8D	R626	6A	R901	7E	C628	5C
L604	8H	R627	7B	R902	7E	C629	5D
L605	8H	R628	6C	R903	7F	C630	3A
L606	8H	R629	7D	R904	7F	C631	3A
L607	7H	R630	7D	R905	7E	C632	4B
L610	7I	R631	4G	R906	7E	C633	5B
Z601	5H	R632	6C	R907	7E	C634	3A
X601	6E	R633	6B	R908	7E	C635	5C
X602	5F	R636	5H	R909	7E	C636	6D
FL601	4E	R637	7G	R910	8C	C638	5G
S601	2I	R638	6F	R911	7H	C640	8I
S602	2H	R639	5D	R912	7E	C641	8H
S603	3I	R640	6D	R913	7E	C642	5G
S604	4I	R641	6D	R914	7E	C643	5F
S605	4I	R642	6F	R915	6E	C651	7F
S606	4I	R643	6G	R916	6E	C652	7F
S608	6I	R644	6C	R917	6F	C653	7F
S609	6H	R645	6C	R918	6F	C672	7H
S611	3B	R646	5C	R942	5H	C673	6G
S612	6B	R647	6G	R945	7F	C674	4B